2014 CHEVROLET MUNICIPAL VEHICLES TECHNICAL MANUAL

CHEVROLET POLICE VEHICLES

GMFLEET.COM

UPDATED JANUARY 2014

About This Publication

- Care must be taken during customer installation of equipment and wiring to ensure that all holes drilled in the body are corrosion protected, properly sealed and that vehicle wiring harnesses, piping or other components have not been displaced or damaged. Aftermarket equipment installers must be mindful of applicable Federal Motor Vehicle Safety Standards. This information can be obtained directly from the National Highway Traffic Safety Administration.

- These vehicles are equipped with an air bag system. The air bag system in your police vehicle includes front seat back, front knee and side curtain air bags. Customer installed equipment such as security barriers behind the front seats should not be mounted so that the barrier ends are within the side air bag deployment zones. The sensors and other components for the air bag system must not be relocated to accommodate the installation of customer furnished equipment; please refer to the service manual for sensor and other component locations. For information concerning instrument panel top pad mounted equipment and air bag system deployment zones, see the air bag information section in this catalog.

- This catalog is not updated during the model year and should not be used for ordering purposes. It is intended as a source of basic information. All illustrations and specifications in this literature are based on the latest product information available at the time of publication. General Motors reserves the right to make changes at any time without notice. For further details, consult your local dealer or visit www.gmfleet.com.

- A note about vehicle alterations by independent suppliers: This catalog shows pictures of vehicles that have been altered or upfitted with equipment or components supplied to Chevrolet or its dealers by independent suppliers. Chevrolet is not responsible for the safety or quality of design features, materials or workmanship of any alterations by a supplier.

LAW ENFORCEMENT PRODUCT COUNCIL
DISTRICT SALES MANAGERS AND FLEET SERVICE MANAGERS

CAPRICE POLICE PATROL CAR (OPTION 9C1)

IMPALA LIMITED POLICE PATROL CAR (OPTION 9C1)
IMPALA LIMITED UNDERCOVER CAR (OPTION 9C3)

TAHOE POLICE PATROL SUV (OPTION PPV)
TAHOE SPECIAL SERVICE SUV (OPTION 5W4)

EXPRESS TRANSPORT VAN (OPTION 1LS & 2LS)

SUBURBAN COMMERCIAL FLEET SUV (OPTION 1FL)

SILVERADO 1500 CREW CAB PICKUP WORK TRUCK 1WT

LAW ENFORCEMENT PRODUCT COUNCIL

Mission Statement

To pledge an integrated partnership between General Motors and Law Enforcement. Together, we will identify, evaluate and promote enhancements to products and relationships that address the vehicle requirements of the Law Enforcement Community.

John Woronczuk
Royal Canadian Mounted Police
john.Woronczuk@rcmp-grc.gc.ca
613-843-3775

Oliver Harris
Tulsa Police Department
oharris@cityoftulsa.org
918-669-6020

Jerry Newbury
Texas Department of Public Safety
jerry.newbury@dps.texas.gov
512-424-2043

John Dillon
Federal Bureau of Investigation
john.dillon@ic.fbi.gov
202-324-4925

Gregory Dimesa
New York City Police Department
gregory.dimesa@nypd.org
718-476-7537

Ed Sanow
Law and Order Magazine
esanow@hendonpub.com
800-843-9764 Ext. 28

Lloyd Dow
York Regional Police
176@yrp.ca
905-830-0303 Ext. 7380

Rich Lee
San Francisco Police Dept.
rich.lee@sfgov.org
415-553-1221

Kyle Shelton
Colorado State Patrol
kyle.shelton@cdps.state.co.us
303-273-1660

Tammee Turcott
Phoenix Police
tammee.turcott@phoenix.gov
602-261-8393

Dave Winter
Durham Regional Police Service
dwinter@drps.ca
905-579-1520 ext 4739

Ron Gromak
Michigan State Police
gromakr@michigan.gov
517-322-5598

David Lindon
City of Hoover
lindond@ci.hoover.al.us
205-739-7187

Jon Gaddis
Portland Police Bureau
john.gaddis@portlandoregon.gov
503-823-4730

LEPC members are available to all of law enforcement for questions, comments, or ideas you wish to convey to General Motors.

REGIONAL GOVERNMENT SALES REPRESENTATIVES

Sales and Service

NORTHEAST REGION

GOVERNMENT FLEET ACCOUNT EXECUTIVE	SALES SUPPORT MANAGER/ POLICE VEHILCE SPECIALIST	FLEET SERVICE MANAGERS	
JAY FERRARO **PHONE: 914-391-5493** jay.ferraro@gm.com	**BOB CASTRO** **PHONE: 347-680-0810** robert.castro@gm.com	**JAY LEWIS** **PHONE: 516-458-7994** jay.lewis@gm.com Area: NH, VT, MA, RI, CT, NJ, ME, Philadelphia, Eastern NY	**BOB STIPEK** **PHONE: 248-320-8615** robert.stipek@gm.com Area: MD, DE, PA, VA, DC, Western NY

Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virgina

NORTH CENTRAL REGION

GOVERNMENT FLEET ACCOUNT EXECUTIVE	SALES SUPPORT MANAGER/ POLICE VEHILCE SPECIALIST	FLEET SERVICE MANAGERS	
ANDREW REYNTJES **PHONE: 313-300-0528** andrew.w.reyntjes@gm.com	**TODD LITTLE** **PHONE: 810-441-2781** todd.little@gm.com	**RICH MOORE** **PHONE: 630-531-1663** rich.moore@gm.com Area: IL, WI, MN, IA, ND, SD	**BOB BRIEDIS** **PHONE: 313-268-2160** bob.briedis@gm.com Area: MI, OH, IN

Illinois, Indiana, Iowa, Michigan, Minnesota, North Dakota, Ohio, South Dakota, Wisconsin

WESTERN REGION

GOVERNMENT FLEET ACCOUNT EXECUTIVE	SALES SUPPORT MANAGER/ POLICE VEHILCE SPECIALIST	FLEET SERVICE MANAGERS	
RICH H. PATTERSON **PHONE: 602-228-1286** rich.h.patterson@gm.com	**SERGIO GOZALEZ** **PHONE: 323-313-7139** sergio.m.gonzalez@gm.com	**SCOTT BRUSKE** **PHONE: 602-885-2229** scott.bruske@gm.com Area: AZ, CO, NM, HI, Southern CA, Southern NV	**MARK ROMANS** **PHONE: 916-517-2418** mark.romans@gm.com Area: UT, WA, OR, ID, MT, AK, WY, Northern CA Northern NV

Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming

SOUTH CENTRAL REGION

GOVERNMENT FLEET ACCOUNT EXECUTIVE	SALES SUPPORT MANAGER/ POLICE VEHILCE SPECIALIST	FLEET SERVICE MANAGERS	
RICK MAYBURY **PHONE: 817-909-6457** rick.maybury@gm.com	**BILL HAJDUK** **PHONE: 214-616-8166** bill.hajduk@gm.com	**JERRY BARTZ** **PHONE: 228-396-1390** gerald.i.bartz@gm.com Area: AR, OK, MS, LA, Southern TX	**MIKE HURRELL** **PHONE: 214-604-9247** michael.hurrell@gm.com Area: MO, KS, NB, NE, Northern TX, Eastern NM

Arkansas, Kansas, Louisiana, Mississippi, Missouri, Nebraska, Oklahoma, Texas

SOUTHEAST REGION

GOVERNMENT FLEET ACCOUNT EXECUTIVE	SALES SUPPORT MANAGER/ POLICE VEHILCE SPECIALIST	FLEET SERVICE MANAGERS	
JAMES MELLON **PHONE: 407-375-4801** james.mellon@gm.com	**BILLY REGAR** **PHONE: 386-295-5637** billy.regarsr@gm.com	**KEVIN FRASZ** **PHONE: 704-651-9390** kevin.1.frasz@gm.com Area: FL, SC, NC, PR, VI, Southern GA	**JOHN COSBY** **PHONE: 513-315-8679** john.a.cosby@gm.com Area: AL, TN, KY, WZ, Atlanta, Northern GA

Alabama, Florida, Georgia, Kentucky, North Caroline, Puerto Rico, South Carolina, Tennessee, US Virgin Island, West Virginia

CANADA

GOVERNMENT FLEET ACCOUNT EXECUTIVE
WILL BACHEWICH **PHONE: 905-644-1051** will.bachewich@gm.com AREA: Canada

For Additional Assistance Phone: 1-800-FLEET-OP (353-3867) or visit www.gmfleet.com

CHEVROLET
POLICE
VEHICLES
GMFLEET.COM

Shown with aftermarket equipment

Shown with aftermarket equipment

UPDATES FOR 2014

NEW FEATURES

- All-new column-mounted shifter for increased room, comfort, and convenience
- Standard center console steel mounting platform for attaching equipment more easily (see page 12 for details)
- All-new instrument panel and gauge cluster with 8-inch Chevrolet MyLink[6] touch screen color display featuring AM/FM radio and CD player
- Bluetooth[7] streaming audio and cell phone connectivity, voice recognition, and music navigator (Applications requiring a USB[12] connection are not compatible)
- Surveillance Mode wiring provision for customer-supplied switch connection suppresses all automatic lighting
- Ultra high-strength steel added to both A-pillars for significant improvements in roof crush safety
- Revised front seats with increased comfort and support while wearing a utility belt (front hip room increased to 57.5 in. from 56.7 in.)
- Extended safety belt receivers for easier buckling
- Driver and front passenger 4-way power seat adjusters
- Trunk release button now on both front door interior panels
- Standard Electric Power Steering for efficient cornering and stability
- Engine Idle Hour meter
- Thicker front struts (32mm from 30mm) for handling and tuning, with increased front stabilizer bar (26mm from 24mm)
- Increased ground clearance (6.0 in. from 5.6 in.)
- Folding blade key FOB replaces solid shaft, with standard Remote Keyless Entry and remote vehicle start
- New exterior color: Mystic Green (GZ7)
- Inside rearview manual day/night mirror (without compass)
- Auxiliary Battery, 700 CCA, 70 Amp-Hour
- Fleet Key, new configuration

DELETIONS

- Detective Package (Option 9C3), front center console with armrest and 2 auxiliary outlets
- Floor-mounted shift lever
- Inside rearview mirror with compass
- Driver 8-way power seat adjuster
- Front passenger 8-way power seat adjuster (Option A6F)
- Battery, auxiliary 600 CCA, 70 AMP (Option K4S)
- Power rack-and-pinion steering
- Overhead sunglass storge compartment
- Power Steering oil cooler
- Inoperative dome lamp (Option 7Y6)
- Alto Grey Metallic (GGG)
- Content Theft Alarm
- Radio Mute wiring provision

CHANGES

- Jet Black interior code changed from (4BB) to (4AA)
- Front bucket cloth seat with cloth rear bench seat code changed from (ADX) to (H1T)
- Front bucket cloth seat with vinyl rear bench seat code changed from (ACC) to HCQ)
- Driver Information Center programming controls moved from steering wheel to turn signal lever on left side of steering column
- MyLink 8-inch touch screen display houses features for vehicle customization
- Front door lock buttons relocated to the top rear of door trim pad as a dedicated post (pull handle once to unlock, pull again to open door)
- Fleet key (options 6E3 and 6E4) will not be compatible with previous model years

6. MyLink functionality varies by model. Full functionality requires compatible Bluetooth, smartphone and USB connectivity for some devices. MyLink on Spark and Sonic does not include functionality such as enhanced voice recognition, Gracenote and CD player.
7. The Bluetooth word mark is a registered trademark owned by Bluetooth SIG,Inc. and any use of such mark by GM is under license. Go to gm.com/Bluetooth to find out which Bluetooth phones are compatible with the vehicle.
12. Not compatible with all devices.

THIS VEHICLE HAS BEEN DESIGNED FOR POLICE WORK UP TO AND INCLUDING HIGH SPEED EMERGENCY VEHICLE OPERATIONS. GM RESTRICTS THE SALE OF POLICE VEHICLES AND THEY ARE NOT TO BE SOLD TO RETAIL CUSTOMERS.

MODEL AVAILABILITY

1EW19 - 9C1	Rear-wheel drive

STANDARD EQUIPMENT SUMMARY

MAINTENANCE	2-year/24,000-mile scheduled maintenance program covers only scheduled oil changes with filter, tire rotations and 27 point inspections according to your new vehicle's recommended maintenance schedule for up to 2 years or 24,000 miles which ever comes first. Does not include air filters. Maximum of four service events. See participating dealer for other restrictions and complete details.
WARRANTY	3 years / 36,000 mile bumper-to-bumper limited warranty (whichever comes first, see dealer for details) 5 years / 100,000 mile powertrain limited warranty (whichever comes first, see dealer for details)

INTERIOR FEATURES

AIR CONDITIONING	Dual-zone automatic climate control with pollen air filtration
BLUETOOTH	Bluetooth for phone and music, personal cell phone connectivity to vehicle audio system, voice recognition, music, navigator and streaming audio
BOTTLE HOLDER	Bottle holder in the front doors
CAPTURE SPEED FEATURE	Capture (stores) certified vehicle speed in digital speedometer via steering wheel controls when following another vehicle
COMPASS	Not available
CRUISE CONTROL	Electronic with set and resume speed
DOME LAMPS	Front and rear dome lamps (excludes map lamps) The front dome lamp has switches for ON/OFF and OFF to disable automatic lamp function. (see page 13)
DRIVER INFORMATION CENTER	Monochromatic display with customization features
FLOOR COVERING	Carpeted front and rear carpeted floor mats are available; see Option B34. Option 6A3 heavy-duty vinyl floor covering available, requires HCQ vinyl rear seat (see page 6)
GLASS	Solar-Ray light-tinted, windshield, driver and front passenger, light-tinted rear backglass
GLOVE BOX	Non-locking door with light
MOUNTING PLATFORM	Center front customer console mounting platform located in 10 inch space between front seats (see page 12 for description)
MIRROR, INSIDE REARVIEW	Manual day-night (without compass)
NAVIGATION SYSTEM	Not available
ONSTAR	Not available
OUTSIDE TEMP. DISPLAY	Standard; displayed at top of radio screen
RADIO	Chevrolet MyLink[6] radio, AM/FM stereo with CD player and MP3 Playback, includes 8" diagonal color touch screen display, Bluetooth[7] for phone and music, personal cell phone connectivity to vehicle audio system, voice recognition, music navigator, streaming audio and outside Temperature Display. Radio audio is provided by front door speakers and two pillar-mounted tweeters. Rear speakers are not available. Lighting, power door locks, remote functions, and other features can be customized using the radio touch screen (see page 11)
RESTRAINT SYSTEM	Safety belts, driver and front passenger with pretensioners, dual stage frontal air bags[1] and a passenger sensing system with passenger frontal air bag ON/OFF indicator. Driver and front passenger head side curtain air bags[1], knee air bags and front seat back mounted pelvic-thorax air bags. A Rollover Sensing System senses an impending rollover and deploys the head side curtain air bags[1] and safety belt pretensioners in the event. The head side curtain air bags1 are designed to remain inflated for a longer period than the frontal, knee and pelvic-thorax air bags1 to reduce the likelihood of occupant head and torso excursion outside the passenger compartment if a rollover should occur. (Combined front and rear seat row head side curtain air bags1 are available; see option AYG on page 6) NOTE: Safety belt extenders are available in 9 inch (part number 19259268) and 15 inch (part number 19259267) through your dealer at no charge
SEAT, FRONT	Cloth bucket seats with heavy duty foam, sculpted for gun belts; high-wear fabric bolsters and seat back security panel. Driver and passenger 4-way power with lumbar and manual recline, manual fore-aft movement. 10 inches of space between front seats; an equipment mounting platform is located between front seats.
SEAT, REAR	Cloth bench, non-folding seat back (vinyl rear seat available; see option HCQ on page 6, requires 6A3 heavy-duty vinyl floor covering)
SHIFT LEVER	Column shift lever
SMOKER'S PACKAGE	Not available
SPEEDOMETER/CLUSTER	160 mph certified analog display with 1 mph increments. Driver Information Center (DIC) has different displays which are accessed using the control buttons on the turn signal lever at the left side of the steering wheel. The DIC displays speed, trip, vehicle information and warning messages (see page 9)
SURVEILLANCE MODE	Circuit is terminated in the 16 cavity upfitting connector for connection to customer switching to ground; all automatic interior and exterior lighting is extinguished and radio is blacked out. All manual lighting control remains functional. (see description on page 19)
STEERING WHEEL	Tilt and telescoping with cruise and audio controls
THEFT DETERRENT SYSTEM	PASS-Key® III+ (Content Theft Deterrent is not an orderable option). See your dealer for additional information.
VISOR	Driver and passenger with covered mirrors, not illuminated
WARNING LIGHTS	Brake, safety belt, air bag, anti-lock, check engine, Sport Mode, StabiliTrak, high beam and cruise control
WARNING TONES	Key-in-ignition, driver door open and safety belt reminder chime
WINDOW OPERATION	Power front and rear, Express-Down (front only) with rear window lockout (controls located on front door panels)

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.
6. MyLink functionality varies by model. Full functionality requires compatible Bluetooth, smartphone and USB connectivity for some devices. MyLink on Spark and Sonic does not include functionality such as enhanced voice recognition, Gracenote and CD player.
7. The Bluetooth word mark is a registered trademark owned by Bluetooth SIG,Inc. and any use of such mark by GM is under license. Go to gm.com/Bluetooth to find out which Bluetooth phones are compatible with the vehicle.

ELECTRICAL FEATURES

AUXILIARY POWER, FRONT	Wiring provision for total of 110 amp auxiliary power at right front corner of the center floor mounting plate. Three connectors provide 50 amp battery power and ground, two 30 amp relay controlled battery circuits and signal circuits for ignition control (HOT in START/RUN, and ACCESSORY/RUN), vehicle speed signal, park-enable and a customer switched surveillance circuit. (See page 13).
CAPTURED SPEED	This standard feature allows the officer to capture the speed of the Caprice while pacing another vehicle. (see page 12)
AUXILIARY POWER, TRUNK	Two auxiliary battery power connection studs in trunk provide a total of 120 amps (See page 13)
GROUND STUD	Auxiliary, located in trunk (see page 13)
LOCK-OUT PROTECTION	Feature is programmable ON or OFF via the vehicle radio customization menu. The factory default is Lock-Out Protection OFF. Remote keyless entry will not function when vehicle is locked with key in the ignition, under this condition a spare key is required to operate door lock cylinder for entry.
POWER OUTLET	One 12 volt, 20 amp, located on the lower instrument panel. Battery power is present when ignition is in RUN position. Power will remain on for approximately 10 minutes after the ignition is turned to the OFF position.
RETAINED ACCESSORY POWER	Power windows and audio system remain operational after ignition is switched off for 10 minutes or until a door is opened
WIRING PROVISION FOR:	
EXTERIOR LAMPS FLASHING	Forward lamp in-line connector for Exterior Lamp Flashing System (see option 6J7 on page 6)
WIRING DIAGRAMS	See pages 18 through 21 for description; or the owner's manual

EXTERIOR FEATURES

ANTENNA	Radio, roof mounted (center of roof near rear window)
BODY SIDE MOLDINGS	Not available
DEFOGGER	Electric, rear window
DOOR HANDLES	Black
DOOR LOCKS	Power door locks automatically locks doors when transmission is out of Park. Customer can re-program to disable door locking and unlocking via the radio vehicle customization menu (See page 11). A key lock cylinder is standard on driver and front passenger doors; child safety locks in rear doors. Options 6N5 and 6N6 are available to disable rear door windows and rear door latch/locks
HEADLAMPS	Halogen, automatic lamp control with daytime running lamps. (For Daytime Running Lamps Delete see option VVS on page 6)
HORN	Dual note (high and low)
KEYLESS ENTRY	Includes two integrated keys and transmitters; the keyless entry system is programmed in a "stealth mode": When the remote transmitter "unlock" or "lock" is operated, no exterior lamps or sounds are activated. Interior lights will come On when the remote lock/unlocks are activated unless the front overhead console dome lamp switch is Off. NOTE: Remote Transmitters do not function when a key is detected in the ignition
KEYS	2 keys with integrated remote keyless entry, side milled, two-sided, with folding feature (see page 17 for description) random code for ignition, driver door and trunk; options 6E3 or 6E4 available for single key locking of entire fleet (see page 6).
LICENSE PLATE FRONT	Mounting hardware included
LOCK CYLINDER	Driver and front passenger doors with key-lock cylinder in truck lid
MIRRORS, OUTSIDE REARVIEW	Black, electric left hand and right hand remote with manual folding (heated available; see option DR9 on page 6)
PAINT	Base coat/clear coat
REMOTE VEHICLE START	Remote vehicle starter system includes Remote Keyless Entry
TRUNK LAMP	Standard
TRUNK LOCK CYLINDER	Standard
TRUNK RELEASE	Electric, ignition controlled switch, located on both front door interior panels
UNDER HOOD LAMP	Not available
WINDSHIELD WIPERS	Intermittent, 2-speed with variable dwell

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.

CHASSIS FEATURES

ALTERNATOR	170-amp, with idle boost (transmission in PARK or NEUTRAL) controlled by battery energy level sensing
AXLE	2.92 axle ratio with limited slip standard with V8. Limited slip optional with V6
BATTERY	700 CCA. 70 amp-hr Absorbent Glass Mat (AGM) with battery run-down protection (does not protect customer installed equipment). The AGM battery is located in the trunk and is a sealed, Valve Regulated Lead Acid (VRLA) type with the electrolyte absorbed in fine glass mat separators. VRLA battery technology is spill proof under normal conditions and requires no water replenishment. An optional 700 CCA, 70 amp-hr auxiliary battery is available; see option K5S, page 6.
BODY	Body frame integral (unibody)
BRAKES	Power 4-wheel anti-lock heavy-duty disc brakes with police calibration
COOLING	Electric cooling fans, independently fused; coolant hoses are EPDM (ethylene-propylene-diene monomer); coolant is DEXCOOL, good for 5 years/150,000 miles whichever comes first (maintenance needs vary with different uses and driving conditions; see the owner's manual for information); protects from -34 to +265 F and against rust and corrosion
CHASSIS LUBRICATION	Lubed-for-life chassis
ENGINES	Standard 3.6L V6 DOHC SIDI (spark ignited direct injection) engine with Variable Valve Timing (VVT) and FlexFuel^2 (gas or E85 Ethanol). Optional (no additional charge) 6.0L V8 with FlexFuel2 (gas or E85 ethanol) Active Fuel Management; V6 and V8 engines include wide open throttle air conditioning cut off (when overhead lamps, spotlamps, radio antennas, sirens, and other emergency equipment are installed, overall performance may be reduced)
ENGINE CRADLE	Steel
EXHAUST SYSTEM	Stainless steel, dual
FUEL TANK CAPACITY	19 gallons (71.6 Liters), approximate
OIL COOLERS	Transmission with V6, Engine and Transmission with V8. Cooler not required with electronically assisted power steering
RADIO SUPPRESSION	Extended life - iridium tip spark plugs and wires that are designed to reduce radio frequency noise levels which may affect communications equipment including operating frequencies in the 38-MHz to 58-MHz range. The Caprice is designed with unibody construction, and multiple grounding points are provided for the vehicle electrical system. No additional ground straps are added for the Police Package
STABILITRAK	Stability enhancement system. An advanced computer controlled system that assists the driver with directional control of the vehicle in difficult driving conditions. Each time the vehicle is started, the StabiliTrak system is fully on. StabliliTrak can be controlled by a StabiliTrak button on the instrument panel located on the left side of steering column (see page 13). The condition of the system is displayed by an instrument panel StabiliTrak indicator light and Driver Information Center (DIC) Messages. Push once, StabiliTrak is in Performance Mode, and Traction Control is On; push and hold five seconds, StabiliTrak and Traction Control are Off; push again and Traction Control and StabiliTrak are turned back on. See transmission and Sport Mode below for Sport Mode functions
STARTER INTERRUPT	Prevents starter from engaging while the engine is running
STEERING	Electrically assisted, rack and pinion, speed sensitive, variable assist
SUSPENSION	4-wheel independent with coil springs, front and rear stabilizer bars. Patrol vehicle specific shock, spring and stabilizer bar tuning
TIRES	Goodyear P235/50R18 W-rated blackwall with compact spare (full-size spare is available; see option SG8 on page 6)
TIRE PRESSURE MONITOR	CHECK TIRE PRESSURE will show on driver message center; excludes spare tire
TRACTION CONTROL	Deactivated when police performance mode is engaged (button located on instrument panel, left side of steering column)
TRANS. AND SPORT MODE	6-speed automatic, electronically-controlled transmission provides protection against over-revving the engine in low gear; if a driver manually selects low gear, the powertrain control module automatically protects the drivetrain. Includes Sport Shift mode where maximum transmission responsiveness is required. The Sport Shift mode On/Off button is located on the instrument panel to the left of the steering column. When in Sport Shift mode, the transmission will delay upshifts and allow earlier downshifts. In addition, the transmission can sense enthusiastic driving, at which point it may delay upshifting and downshifting earlier when braking and is designed to maximize vehicle performance
WHEELS	18" x 8" heavy-duty steel
WHEEL CENTER CAP	Bolt-on pressed/forged aluminium

POWERTRAIN

ENGINE				TRANSMISSION		AXLE	
OPTION CODE	TYPE	DISPLACEMENT LITERS/CU. IN.	FUEL SYSTEM	OPTION CODE	TYPE	OPTION CODE	RATIO
LFX Standard	V6	3.6/217	E85 FlexFuel[2] or gasoline	MXO/MYA	6L45 6-speed auto. with OD	GW8	2.92
						G80 (opt.)	Limited slip
L77 Optional no additional charge	V8	6.0/364	E85 FlexFuel[2] or gasoline Active Fuel Management	MXO/MYC	6L80 6-speed auto. with OD	GW8	2.92
						G80 (std.)	Limited slip

EMISSIONS - MUST BE SPECIFIED

FE9	FEDERAL EMISSIONS. Use for ordering vehicles that will be registered in all states except California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State
YF5	CALIFORNIA EMISSIONS. Use for ordering vehicles that will be registered in California.
NE1	CT/ME/MD/MA/NJ/NY/OR/PA/RI/VT/WA EMISSIONS. Use for ordering vehicles that will be registered in Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont or Washington State
NB8	Required when option code FE9 "Federal emissions" is ordered for delivery to a dealer located in California, Connecticut, Delaware, Massachusetts, Maryland, New Jersey, New York, Oregon, Pennsylvania, Rhode Island and Washington State for a purchaser who will be registering the vehicle outside California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State.
NC7	Required when option code YF5 "CALIFORNIA EMISSIONS" or option code NE1 "CT/DE/ME/MD/MA/NJ/NM/NY/OR/PA/RI/VT/WA EMISSIONS" is ordered for delivery to a dealer located in any state except California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington for a purchaser who will be registering the vehicle in one of these states or sold as permitted below under "EPA Policy on the Sale of California Emission Vehicles"
NB9	Required when option code YF5 is ordered for delivery to a dealer located in Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington. Required when option code NE1 is ordered for delivery to a dealer located in California.

NOTE: The 2014 Chevrolet Caprice Police Patrol Vehicle with the 3.6L Engine (LFX) and 6.0L Engine (L77) with Emission Option Codes FE9, NE1, and YF5 is certified to EPA Tier 2 Bin 4 standards and qualifies as ULEV (Ultra Low Emission Vehicle) under California Air Resources Board (CARB) requirements, meaning it is 50-state certified.
Emission Standard: BIN4
EPA engine family or test group: EGMXJ03.6166 (LFX) and EGMXV06.0082 (L77)

TIRES - SPEED RATED

MANUFACTURER	QUANTITY	SIZE	SPEED RATING	TYPE
Goodyear	4	P235/50R18	W	All season

NOTE:
- ***Compact spare is standard (full-size spare is available see option SG8 on page 6)***
- ***Due to specific requirements for performance, durability and safety, GM recommends only the original equipment tire for replacement***
- ***Tire Plys = Tread: 2 Polyester, 2 Steel, 1 Nylon Sidewall: 2 Polyamide Total 7 Ply***
- ***Tire chains may be used with caution. See your owner's manual for specific recommendations regarding conditions. If the vehicle is equipped with a P235/50R18 tire size use tire chains only where legal and only when necessary. Use low profile chains that add no more than 12 mm thickness to the tire tread and inner sidewall. Use chains that are the proper size for the tires. Install them on the tires of the rear axle. Don't use chains on the tires of the front axle. Tighten them as tightly as possible with the ends securely fastened. Drive slowly and follow the chain manufacturer's instructions. If the chains contact the vehicle, stop and retighten them. If the contact continues, slow down until it stops. Driving too fast or spinning the wheels with chains on will damage the vehicle.***

SEATS AND INTERIOR TRIM

		SEAT OPTIONS	ONYX
STANDARD	Front bucket, cloth with heavy-duty foam, cloth rear bench, includes seatback security panel, polypropylene rear door trim, and carpeted floor covering	H1T	4AA
OPTIONAL	Front bucket, cloth with heavy-duty foam, vinyl rear bench, includes seatback security panel, polypropolyene rear door trim, and vinyl floor covering	HCQ	4AA

AVAILABLE EXTERIOR COLORS

Hugo Blue* (Dark Blue) Meatllic

Heron White

Red Hot

Karma Metallic (Jade)

Phantom Black Metallic

Silver Ice Metallic

Mystic Green (New)

**** Extra cost (orders that contain less than 20 orders will be delayed until 20 unit minimum is received for batch production. Will Require additional lead time)***
Actual colors may vary

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator

AYG	**AIR BAG[1], HEAD CURTAIN, ROOF RAIL MOUNTED** - Combined front and rear passenger (see page 24 and 25 for description)
G80	**AXLE** - Limited slip with V6 engine (Standard on V8 engine)
K5S	**BATTERY, AUXILIARY** - Optional 700 cca, 70-amp hour AGM battery to power customer installed equipment. The auxiliary battery is connected to the charging system through an isolation relay to prevent emergency equipment electrical loads from depleting the vehicle primary battery if the engine is not running and the ignition is OFF. Located at the passenger side of the trunk (see page 16 for description)
VVS	**DELETE DAYTIME RUNNING LAMPS AND AUTOMATIC HEADLAMPS** - Exterior lamps are operated manually (see page 13 for description)
L77	**ENGINE** - 6.0L V8 SFI with active fuel management, includes FlexFuel capability (no additional charge)
6J7	**FLASHER SYSTEM, EXTERIOR LAMPS** - DRL compatible, headlamp flasher module with wiring provisions to the front compartment for ON-OFF control and optional separate flashing of front and rear lamps (see page 16 for description)
6A3	**FLOOR COVERING** - Heavy-duty vinyl replaces production carpeting, (carpeted mats not available); included with HCQ vinyl rear seat (see page 15 for description)
6B7	**HOLE IN ROOF** - On center line (not available with 6J5 hole) with sealing harness grommet in roof hole
6J5	**HOLE IN ROOF** - On passenger side (not available with 6B7 hole) with sealing harness grommet in roof hole
AMF	**KEYS AND KEYLESS ENTRY TRANSMITTERS** - 6 cut keys, with integrated remote keyless entry; includes Remote Vehicle Start. Transmitters are not programmed. Each transmitter, including the two standard with the vehicle, must be programmed together by the customer or by a dealer at customer expense. Transmitter programming is not a warranty item. See your owner's manual for additional programming information (see page 17 for description) Note: Common frequency keyless entry for fleet keyed vehicles not available; each fleet keyed vehicle will have a different keyless entry frequency
6E3	**KEYS COMMON** - Complete vehicle fleet, provides a single key with a specific code that is common to the door locks and ignition for all the vehicles in the vehicle fleet; key code is an alternate to SEO 6E4 key common, complete vehicle fleet. NOTE: Not compatible with previous year, Caprice, Impala and Tahoe police vehicles
6E4	**KEYS COMMON** - Complete vehicle fleet, provides a single key with a specific code that is common to the door locks and ignition of all the vehicles in the vehicle fleet; key code is an alternate to SEO 6E3 key common, complete vehicle fleet. NOTE: Not compatible with previous year, Caprice, Impala and Tahoe police vehicles
6C7	**LAMP** - Red and white front auxiliary dome, separately switched (see page 14 for description)
T53	**LAMPS** - Alternate flashing red and blue trunk lid warning LED lamps (see page 15 for description)
B42	**MAT** - Trunk, custom, fitted, heavy-duty vinyl molded edge to keep spills contained, removable for easy cleaning (see page 15 for description)
B34	**MATS** - Carpeted front and rear (not available with 6A3 heavy-duty vinyl floor covering)
DR9	**MIRRORS** - Heated outside rearview, power, manual folding, Black
6N6	**REAR DOOR LOCKS AND HANDLES INOPERATIVE** - Rear door latch release and locks are inoperable at rear inside door; locks operate only from driver's position, rear doors can be opened only from outside (see page 14 for description)
6N5	**REAR DOOR WINDOW SWITCHES INOPERATIVE** - Rear door windows only operate from driver's position (see page 14 for description)
HCQ	**SEAT** - Rear vinyl, includes 6A3 heavy-duty vinyl floor covering
SGT	**SPEED LIMITER** - Limits top speed to 130 mph
7X6	**SPOTLAMP, DRIVER** - Separately fused, six inch, black housing with halogen lamp (see page 14 for description)
7X7	**SPOTLAMP, DRIVER AND PASSENGER** - Separately fused, six inch, black housing with halogen lamp (see page 14 for description)
7X8	**SPOTLAMP PROVISION DRIVER** - Includes bracket with pillar hole sealed (see page 14 for description)
7X9	**SPOTLAMP PROVISION DRIVER AND PASSENGER** - Includes bracket with pillar hole sealed (see page 14 for description)
SG8	**TIRE, SPARE** - Full-size (includes TPM sensor not programed) (see page 15 for description)
6J3	**WIRING** - For grille lamps and siren speaker (see page 14 for description)
6J4	**WIRING** - For horn/siren circuit, in-line connection for customer furnished switch (see page 14 for description)
W2P	**WHEEL COVERS, FULL** - Replaces bolted-on center cap and hardware (see page 15)

For standard and optional illustrations, see pages 12 through 17.

Note: • Factory installation of spotlamps or spotlamp provisions are recommended. The windshield pillars are designed with ultra high strength steel to enhance crash worthiness and special tooling is used to locate and drill the lamp shaft holes The spotlamp brackets are attached with special fasteners to avoid drilling the high strength steel reinforcement.

• Vehicle may arrive with "TRANSPORT MODE" activated to conserve battery life during transportation. Contact a GM dealer for proper completion of Pre Delivery Inspection (PDI).

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

GENERAL

Model		1EW19
Drive		Rear-wheel

EXTERIOR (in./mm)

Wheelbase		118.5/3010.0
Overall length		204.2/5187.0
Overall width	(excluding mirrors)	74.8/1898.7
Overall height*		58.7/1490.0
Front track width		62.8/1596.0
Rear track width		63.2/1606.0
Turning diameter curb to curb (ft./m)		38.0/11.7
Ground clearance* (exhaust system)		6.0/153

FRONT COMPARTMENT (in./mm)

Head room	38.7/984.0
Shoulder room	59.1/1501.3
Hip room	57.5/1461
Leg room	42.2/1072.0

REAR COMPARTMENT (in./mm)

Head room	37.6/955.0
Shoulder room	59.0/1498.0
Hip room	57.9/1472.1
Leg room	43.2/1098.0

LUGGAGE COMPARTMENT CAPACITY (cu.ft./liters)

Luggage capacity[3] (includes full-size spare tire and auxiliary battery)	17.4/492.71

PASSENGER COMPARTMENT VOLUME INDEX (cu.ft./liters)

EPA passenger compartment volume index[3]	112/3171.5

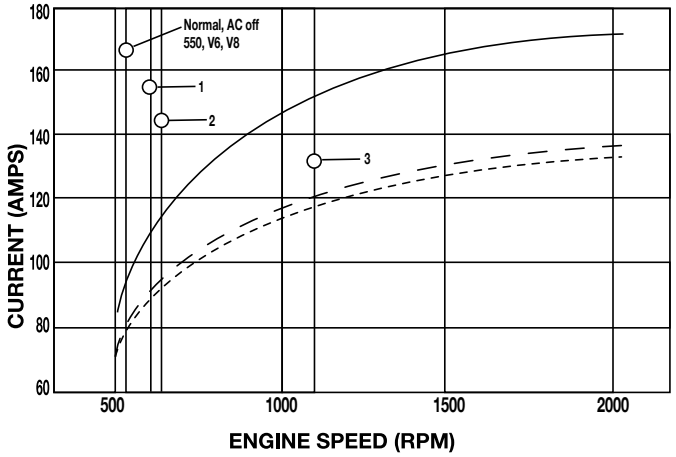
FUEL ECONOMY RATINGS — CITY/HIGHWAY/COMBINED

3.6L V6 engine[4]	18/26/21
6.0L V8 engine[4]	15/24/18

ALTERNATOR

Type	9G135
Amps	170

CAPRICE POLICE ALTERNATOR OUTPUT



		V6	V8
——— 14.0V / 77° F (25° C)			
— — — 13.25V / 221° F (105° C)	Idle Boost 1 =	600 RPM	650 RPM
- - - - - - - 13.0V / 257° F (125° C)	Idle Boost 2 =	700 RPM	700 RPM
Idle 121-amps @1100 RPM (Idle Boost 3@221° F)	Idle Boost 3 =	1100 RPM	1100 RPM

3. Cargo and load capacity limited by weight and distribution.
4. EPA-estimated MPG.
5. Gross Vehicle Weight Rating
6. Maximum payload capacity includes weight of driver, passengers, equipment and cargo.
10. Curb weight with 100% fuel, fluids and standard base equipment (excludes optional content)

* Published dimensions indicated are at curb weight

ENGINE

	STANDARD	OPTIONAL
Type	V6	V8
Displacement: liters/cu. in.	3.6/217	6.0/364
Horsepower/rpm	301@6700	355@5300
Torque lb.-ft./rpm	265@4800	384@4400
Induction system	SIDI	SFI
Compression ratio	11.3:1	10.4:1
Exhaust	Dual	Dual
Minimum recommended fuel octane	87	87
Fuel tank capacity, approximate (gallons/liters)	19/72	19/72
Cooling capacity (quarts/liters)	10.6/10	11.6/11
Oil with filter (quarts/liters)	7.1/6.7	8.0/7.6

TRANSMISSION

Automatic, electronically-controlled with overdrive	6-speed	6-speed
Fluid pan removal & filter replace (quarts/liters)	11.9/11.3	6.7/6.3

AXLE RATIO

With V6 Engine	2.92	
With V8 Engine includes limited slip		2.92

BRAKES

4-wheel disc with ABS	Disc/Disc
Front - swept area (sq. in./sq. cm)	310.6/788.9
Rear - swept area (sq. in./sq. cm)	211.4/537.0
Total front and rear swept area (sq. in./sq. cm)	522.04/3368
Front rotor diameter (in./mm)	13.58/345
Rear rotor diameter (in./mm)	12.76/324
Front rotor thickness (in./mm)	1.18/30
Rear rotor thickness (in./mm)	.87/22

TIRES

Type	Goodyear Eagle RS-A all season W-speed rated
Size	P235/50R18

WHEELS

Type	Steel
Size	18" X 8"

CHASSIS

Frame	Unibody
Engine cradle	Steel
Suspension	4-wheel independent with coil springs, front and rear stabilizer bars Patrol vehicle specific shock, spring and stabilizer bar tuning
Steering type	Electrically assisted, variable ratio, rack-and-pinion
Steering ratio (non-variable)	17.5:1 on center/12.7:1 at full lock

BATTERY

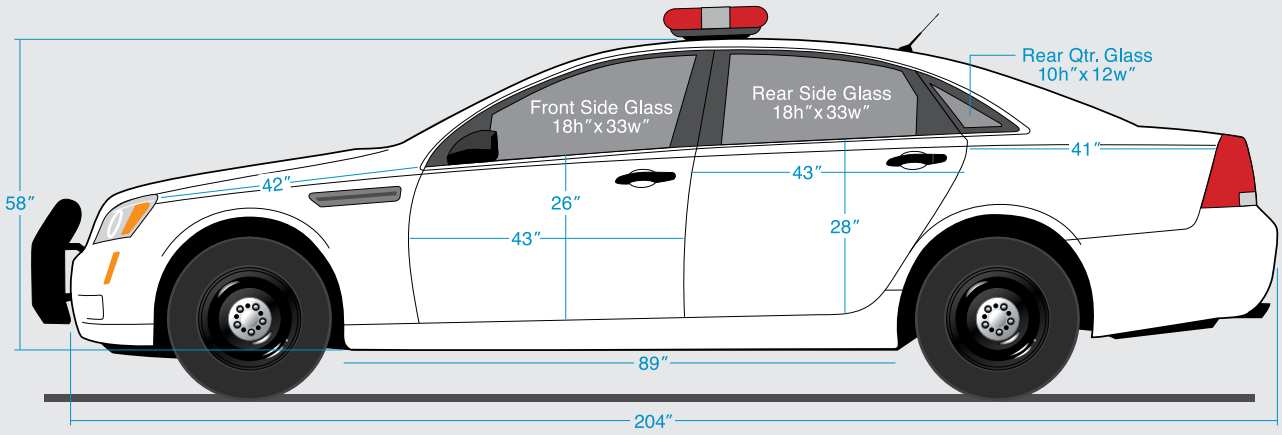
	STANDARD	OPTIONAL AUXILIARY
Type	Maintenance free	Maintenance free
BCI group size	LN3	LN3
Volts	12	12
Amp hour rating	70	70
Cold cranking-amps @ 0°F (-18°C)	700	700
Reserve capacity @ 80°F (27°C)	130 minutes	130 minutes

VEHICLE WEIGHT (Lbs./kg.)

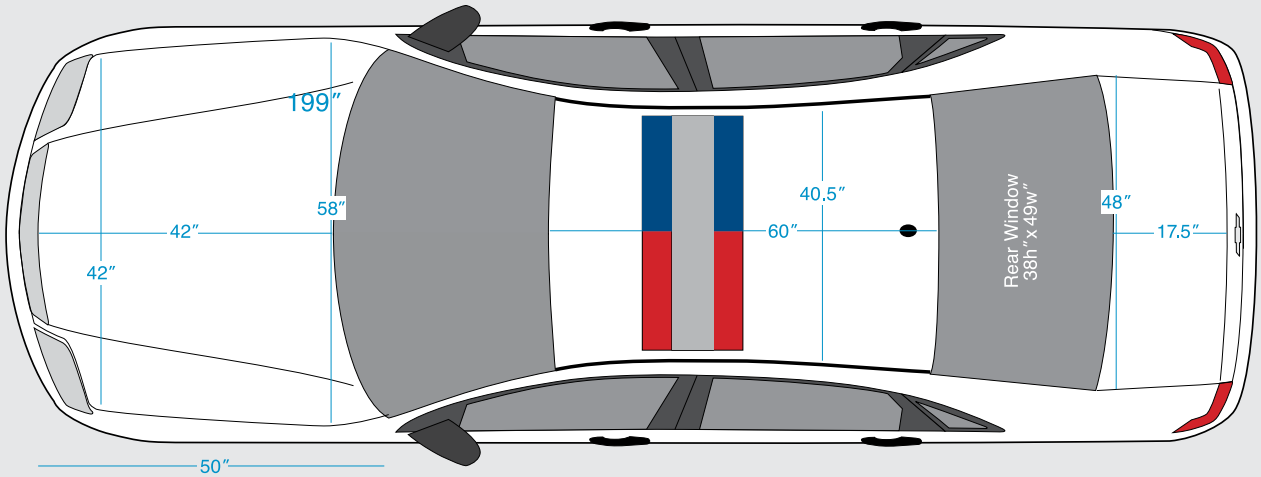
	V6	V8
GVWR[5]	5247/2380	5357/2430
Curb weight[10]	4043/1834	4162/1888
Payload[6] (with bucket seats)	1182/536	1173/532

NOTE: See your vehicle tire and loading information label for specific weight values. See your owner's manual supplement for proper cargo loading distribution

CAPRICE POLICE PACKAGE

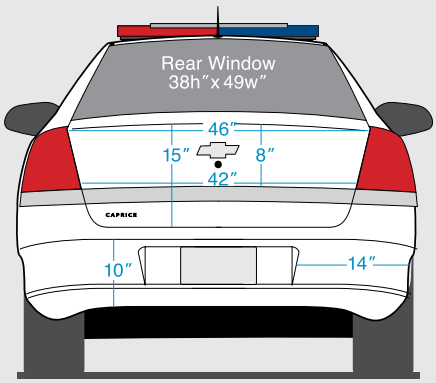


Body side moldings not available

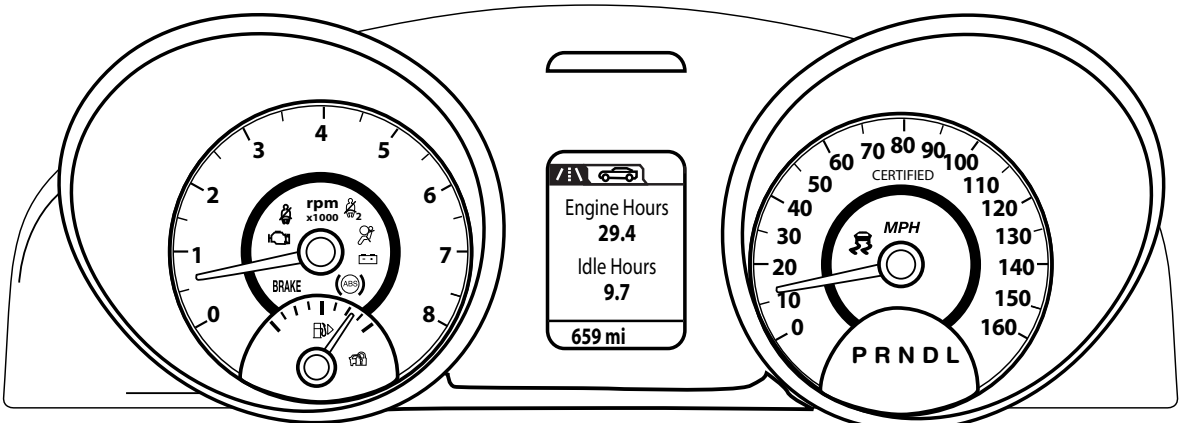


Estimated material sizes to wrap:

- Hood – 56″ x 60″ *(Includes areas next to grill)*
- Hood – 42″ x 60″ *(Excludes areas next to grill)*
- Front Doors – 45″ x 30″
- Rear Doors – 45″ x 32″
- Roof – 45″ x 64″
- Trunk Lid – 38″ x 50″



CERTIFIED SPEEDOMETER/CLUSTER



DRIVER INFORMATION MESSAGE CENTER

MESSAGES SHOWN

MESSAGES DISPLAYED ARE DEPENDANT ON VEHICLE VARIANT NOT ALL MESSAGES MAY DISPLAY

BATTERY SAVER ACTIVE
LOW BATTERY
SERVICE BATTERY CHARGING SYSTEM
BRAKE FLUID LOW
SERVICE BRAKE ASSIST
CRUISE SET TO XXX
DRIVER DOOR OPEN
HOOD OPEN
LEFT REAR DOOR OPEN
PASSENGER DOOR OPEN
RIGHT REAR DOOR OPEN
TRUNK OPEN
A/C OFF DUE TO HIGH ENGINE TEMPERATURE
ENGINE OVERHEATED – IDLE ENGINE
ENGINE OVERHEATED – STOP ENGINE
CHANGE ENGINE OIL SOON
OIL PRESSURE LOW – STOP ENGINE
ENGINE OIL LOW – ADD OIL
ENGINE POWER IS REDUCED
FUEL LEVEL LOW

AUTOMATIC LIGHT CONTROL - ON
AUTOMATIC LIGHT CONTROL – OFF
CHECK (LAMP NAME) LAMP
CHECK (INDICATOR NAME) LAMP
INDICATOR ON TURN SIGNAL LEFT OR RIGHT
SERVICE TRACTION CONTROL
SERVICE STABILITRAK
THEFT ATTEMPTED
SERVICE AIR CONDTIONING SYSTEM
SERVICE VEHICLE SOON
SERVICE POWER STEERING
TURN STEERING WHEEL TURN KEY OFF & ON
TURN STEERING WHEEL START VEHICLE AGAIN
SERVICE TIRE MONITOR SYSTEM
TIRE LEARNING ACTIVE
TIRE PRESSURE LOW ADD AIR TO TIRE
SERVICE TRANSMISSION
SHIFT DENIED
SHIFT TO PARK
TRANSMISSION HOT – IDLE ENGINE
ICE POSSIBLE DRIVE WITH CARE
WATER FLUID LOW ADD FLUID
OPEN THEN CLOSE /DRIVER/PASSENGER WINDOW
CAPTURED SPEED

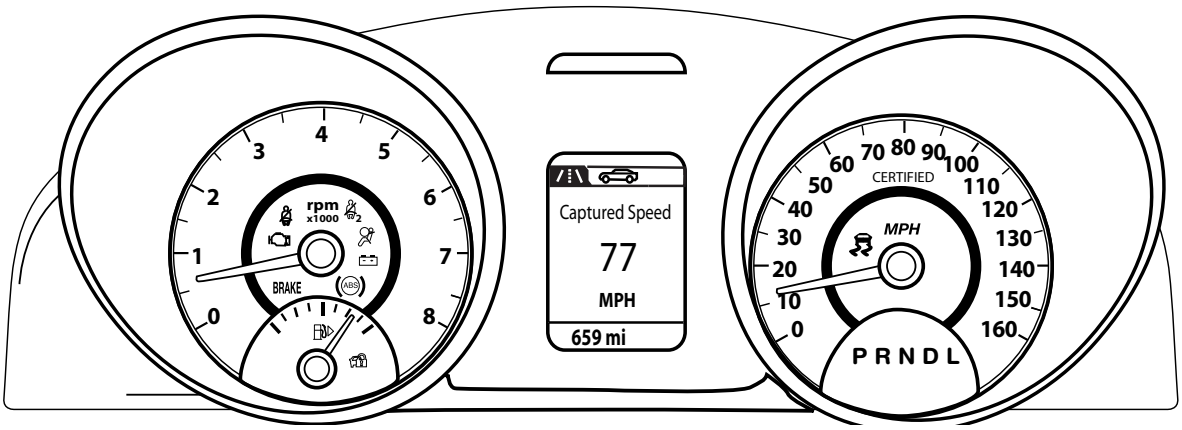
SPEEDOMETER CERTIFICATION

2014 Caprice police cars certified speedometer calibration. Specifications, at ambient temperature of -10 to 120 degrees F (-23 to 49 Celsius). Inaccuracies due to speed sensing are included.

ACTUAL VEHICLE SPEED	INDICATED SPEED
0 TO 120 MPH	+/- 2 MPH
0 TO 193 KPH	+/- 3 KPH

The speedometer calibration is for the 6.0L V8 engine, automatic transmission with a 2.92 axle and P235/50R18 tires, and the 3.6L V6 engine, automatic transmission, 2.92 axle and P235/50R18 W-rated tires

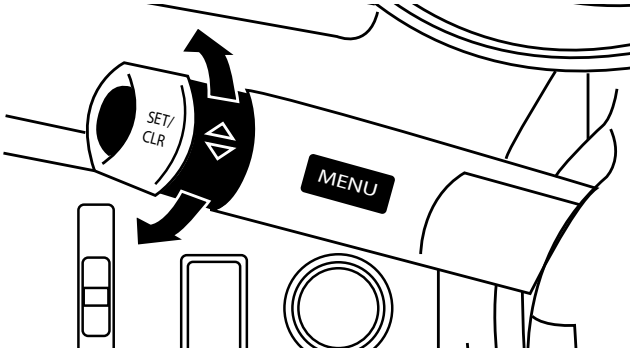
Note: Vehicle may arrive with “TRANSPORT MODE” activated to conserve battery life during transportation. Contact a GM dealer for proper completion of Pre Delivery Inspection (PDI).



DRIVER INFORMATION MESSAGE CENTER

VIEWING THE DRIVER INFORMATION CENTER (DIC) REQUIRES THE ENGINE TO BE RUNNING.
THE DIC IN THE CENTER OF THE INSTRUMENT CLUSTER DISPLAYS INFORMATION AND WARNINGS ABOUT THE VEHICLE.

DRIVER INFORMATION SELECTOR



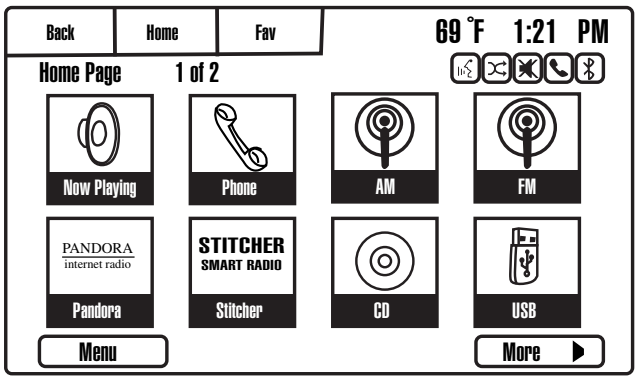
The DIC is operated via the controls on the Turn Signal lever at the left side of the steering column
The **SET/CLR** button sets or clears the displayed menu
The **MENU** button displays the **SPEED, UNIT**
The momentary **ROTARY SWITCH** control will scroll through the **MENU** items

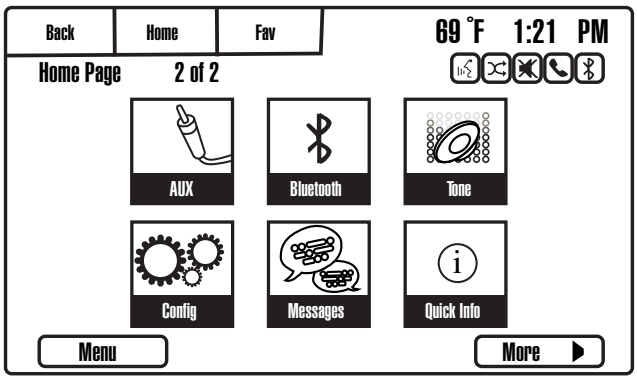
PRESS **MENU** *UNTIL THE* **SPEED** *IS DISPLAYED*
TURN THE ROTARY SWITCH TO SCROLL THROUGH THE MENU ITEMS:
SPEED, UNIT

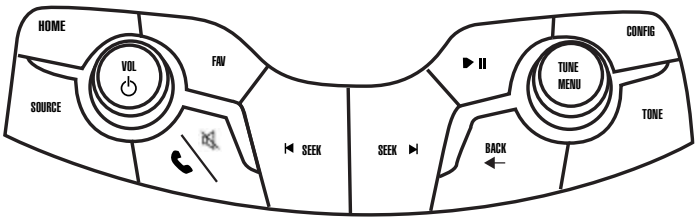
> SPEED
- >Digital Speed
- >Fuel Used
- >Average Speed
- >Instantaneous Fuel Economy
- >Average Fuel Economy
- >Fuel Range
- >Trip
- >Captured Speed

>UNITS
- >Engine Hours, Idle Hours
- >Battery Voltage
- >Coolant Temp
- >Remaining Oil Life
- >Tire Pressure

NOTE: Other vehicle features can be programmed via the radio.
See also the Owners Manual for additional DIC features information.







The Following Items Are Permanently Disabled on Caprice:
USB
AUX In

ELECTRICAL FUNCTION CUSTOMIZATION FEATURE

With Radio **OFF "Day, Date, Time, Exterior Temperature, and Chevrolet MyLink"** are displayed (Display Screen can be turned off, see DISPLAY SETTINGS)

CONFIG

LANGUAGES	English / Francais Canadien / Espanol Mexicano
TIME AND DATE	12 hr / 24 hr Format
RADIO SETTINGS	Auto Volume / Gracenote Options / Max Startup Volume
PHONE SETTINGS	Bluetooth > Device List / Pair Device
DISPLAY SETTINGS	Home Page Menu / Display Off
VEHICLE SETTINGS	

DISPLAY SETTINGS

HOME PAGE MENU	> Customize >Sort > Restore Home Page Defaults
DISPLAY OFF	This selection blanks radio screen, touch screen anywhere to restore.

VEHICLE SETTINGS

CLIMATE AND AIR QUALITY
COMFORT AND CONVENIENCE
LIGHTING
POWER DOOR LOCKS
REMOTE LOCK/UNLOCK/START
RETURN TO FACTORY SETTINGS? Yes/No

COMFORT AND CONVENIENCE (FACTORY DEFAULTS IN BOLD)

CHIME VOLUME	***Normal***/High
BUTTON CHIME	Buttons 'click' when touched: On/***Off***

LIGHTING (FACTORY DEFAULTS IN BOLD)

VEHICLE LOCATOR LIGHTS	On/***Off***
EXIT LIGHTING	>***Off*** >30 sec >60 sec >120 sec

POWER DOOR LOCKS (FACTORY DEFAULTS IN BOLD)

DOOR OPEN ANTI-LOCKOUT	>On/***Off***
AUTO DOOR LOCK	> ***On***/Off
AUTO DOOR UNLOCK	> ***All Door*** > Driver Door > Off
DELAY DOOR LOCK	> On/***Off***

REMOTE LOCK/UNLOCK/START (FACTORY DEFAULTS IN BOLD)

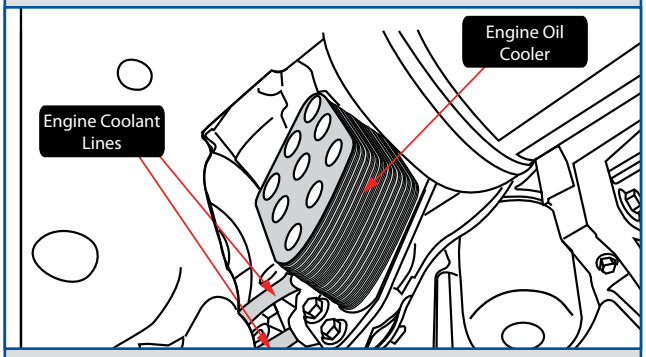
REMOTE UNLOCK FEEDBACK	> Flash Lights, > ***Off***
REMOTE LOCK FEEDBACK	> Lights Horn > ***On***/Off > Lights Only > On/Off > Horn Only > On/Off > Off
REMOTE DOOR UNLOCK	> ***Driver Door*** > All Doors

MESSAGES (WHEN PHONE IS PAIRED)

INBOX	Select Contact Listen / Reply / Call
SETTINGS	Manage Predefined Messages

NOTE: REFER TO THE OWNERS MANUAL FOR DETAILED HOME PAGE ICON SETUP AND OTHER RADIO FUNCTION INFORMATION.
MENU ITEMS IN **RED** DESCRIBE CUSTOMIZATION TYPICAL FOR LAW ENFORCEMENT USAGE.
BOLD STATUS IS FACTORY DEFAULT CONDITION.
REMOTE TRANSMITTERS DO NOT FUNCTION WHEN A KEY IS DETECTED IN THE IGNITION

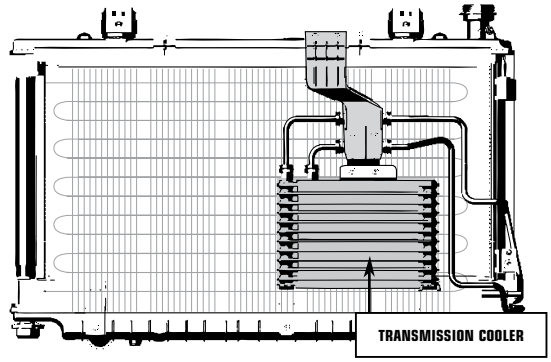
V8 ENGINE OIL COOLER



The oil-to-coolant engine oil cooler system is mounted on the left side of the lower engine block, forward of the oil filter. Engine oil flows through the stacked plate cooler from the engine oil sump and returns to the engine. Coolant flows to the cooler via a short hose from the engine block and exits to the radiator through a coupled hose connection to the radiator inlet hose.

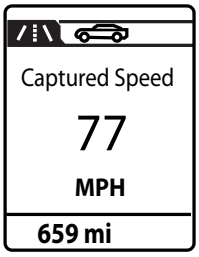
NOTE: Not required with V6 engine.

TRANSMISSION OIL COOLER



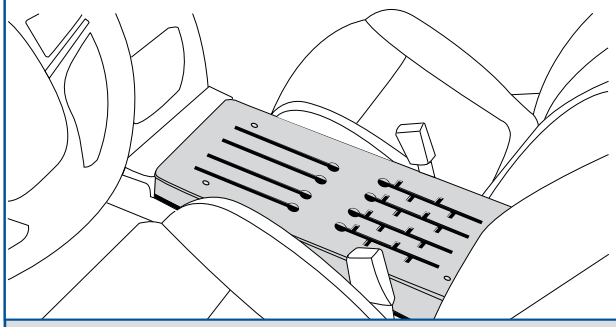
The transmission cooler is positioned to the left side, in front of the air conditioning condenser. The cooling system is common to the V6 and V8 engines

CAPTURED SPEED



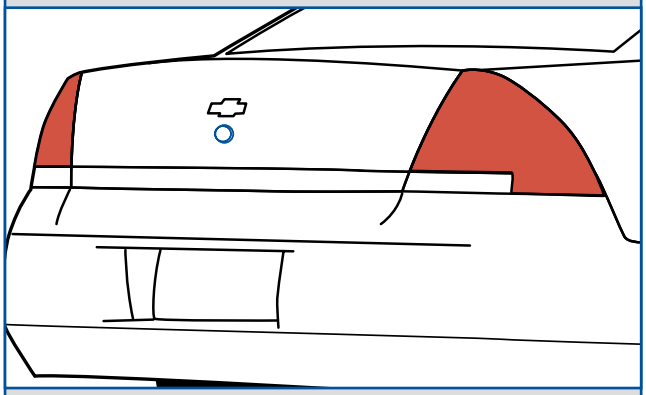
This vehicle is equipped with a standard feature that allows an officer to capture speed of the Caprice while pacing another vehicle. To activate Captured Speed, the Driver Information Center must be selected to display Speed. Once the pace is established, push the outer button on the end of turn stalk to "Capture Speed". The digital speedometer will return momentary back to active speed. To display Captured Speed, rotate stalk wheel clockwise. This Captured Speed is retained even after ignition key is turned off, or up until a new speed is captured or cleared. To clear the current Captured Speed, push and hold the outward end of stalk button until a beep signifies that system has been reset.

CENTER CONSOLE EQUIPMENT MOUNTING PLATFORM



Center front equipment mounting platform between front seats, 27x9 inches, slotted for T-bolt attachment of customer equipment.

KEYLOCK CYLINDER - TRUNK LID



An audible alarm may occur when the ignition key is used to open the trunk instead of the Remote Keyless Entry (key FOB).

SERVICE PARTS IDENTIFICATION LABEL

SERVICE PARTS IDENTIFICATION **DO NOT REMOVE**

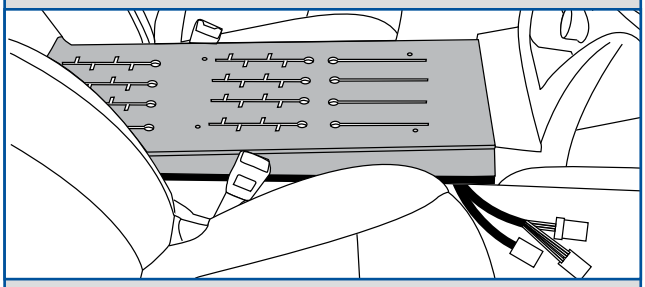
6G1MK5T22BL532613 PDBJCH 1EW19

AGK	AG2	AL0	AMF	AP3	AR9	AT8	AXJ	AY0	A75	A76
BDR	B3B	B42	B86	B9V	C67	DK2	EF7	E2C	FE9	FR9
IPG	JA9	JL9	KD1	KG4	LGD	MX0	M15	NK5	NT7	N99
OST	QPP	R7V	R9N	R9Z	SLM	T53	UH8	UJM	UN9	UT7
UW6	UIC	U77	VT7	V8D	WL9	ZFH	1SZ	GAN	4BB	191
3FL	6A3	6E2	6HP	6J1	6J3	6J4	6J7	7B3	7HP	7M9
7X6	8MZ	9C1	9MZ							
BC/CC		U 636R								

SAMPLE

A Service Parts Identification (SPID) Label provides Vehicle Identification Number (VIN)-specific Option Code content list, Engineering Model Number (Nameplate, body style), Exterior paint system, Exterior paint color code and Interior trim level and color. The SPID label for the Caprice is located on the underside of the rear compartment lid at the center of the lid inner reinforcement.

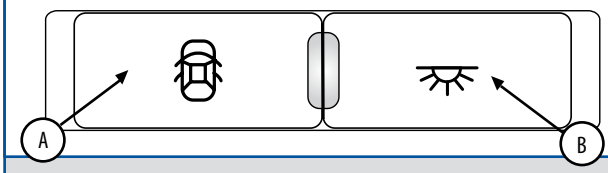
WIRING PROVISIONS FOR 12-VOLT BATTERY POWER SUPPLY



Auxiliary battery power, ground, relay controlled battery power and control circuits are terminated in three connectors located at the right front of the equipment mounting platform. Battery power is supplied through two pre-fuse assembly fusible links located at the right side of the trunk. If the optional auxiliary battery (RPO K5S) is not present, power to the pre-fuse assembly is supplied by the primary battery. Three circuit breakers and two control relays are located in the right side of the trunk. The relay center is connected via the body harness to the front compartment auxiliary power and signal connectors. A 50 amp circuit breaker feeds power directly from the 100 amp fusible link via a 10 gauge (5.0 mm) wire. Two 30 amp circuit breakers supply power from fusible links through the contacts of the control relays to 12 gauge (3.0 mm) wires. Each relay is operated by control leads terminated in the front compartment 6-cavity connector. A 10 gauge (5.0 mm) ground circuit is terminated in the 2-cavity connector with the 50 amp battery power. A total of 1320 watts of 12 volt power is available in the front compartment. 1440 watts of 12 volt power is available at the trunk junction block.

NOTE: If 50-amp battery power is not present at the front compartment upfitter harness, verify the connection of the topmost (blue) of two connectors located above the right hand rear compartment junction block. For wiring diagram see pages 18 and 19. See also page 13, Rear Auxiliary Power and Ground Stud and page 16, K5S, Auxiliary Battery.

DOME LAMPS CONTROL



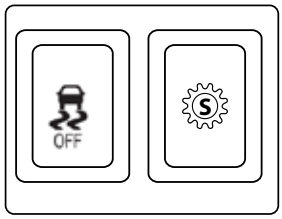
Buttons are located in front dome lamp assembly

A – The push on/push off left switch with a Doors Open symbol on the front dome lamp assembly controls the front and rear dome lamps. When activated, the dome lamps will remain Off whenever:

any door is opened, the vehicle is unlocked, or the key is removed from the ignition switch.

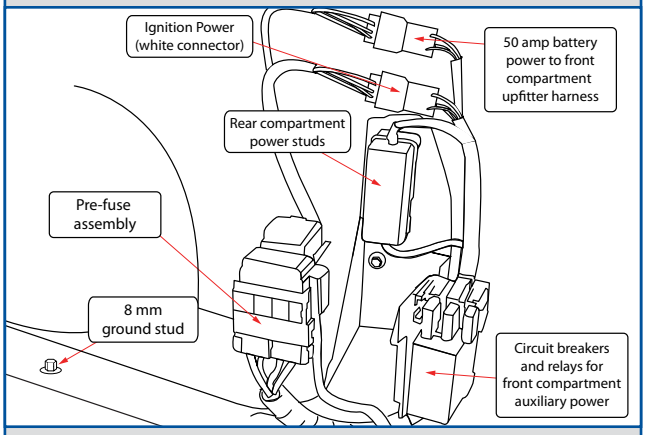
B - The push on/push off right switch with a Dome Lamp symbol on the front dome lamp assembly turns the front and rear dome lamps On and Off.

LOCATIONS OF SPORT MODE AND STABILITRAK BUTTONS



Located on instrument panel left side of steering column.

AUXILIARY POWER AND GROUND STUD IN TRUNK


Ignition Power (white connector)
50 amp battery power to front compartment upfitter harness
Rear compartment power studs
Pre-fuse assembly
8 mm ground stud
Circuit breakers and relays for front compartment auxiliary power

An auxiliary power junction block is located at the right side of the trunk. The junction block is at the rear of the auxiliary battery tray and contains a split buss with two terminals for customer connection to 12-volt battery power.

The split bus is connected to the primary battery located at the left side of the trunk. When the optional auxiliary battery (RPO K5S) is present, the split bus is connected to the auxiliary battery through an isolation relay.

Two 60-amp fusible links connect the bus to the battery. Maximum combined capacity of the two circuits is 1440-watts.

An 8 mm ground stud for customer connection is located at the inboard front corner of the right side battery tray.

A Violet/Yellow ignition controlled power circuit, HOT in RUN/START, terminates in a white connector located above the auxiliary battery power junction block. This same circuit is also located in the front passenger foot well upfitter harness. A 10-amp fuse (EF131) protects both circuits and is located in the engine compartment fuse center. The total power available for the combined front and rear circuits is 60 watts.

NOTE: If 50-amp battery power is not present at the front compartment upfitter harness, verify the connection of the topmost (blue) of two connectors located above the right hand rear compartment junction block. For wiring diagram see pages 18 and 19. See also page 13, Rear Auxiliary Power and Ground Stud and page 16, K5S, Auxiliary Battery. For wiring diagram see page 17

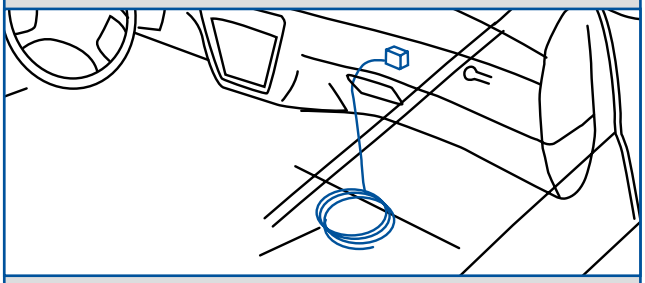
EXTERIOR LAMPS CONTROL

VVS – Delete Daytime Running Lamps and Automatic Headlamps. This option disables the Daytime Running Lamps and Automatic Headlamps control feature. Exterior lamps are manually controlled only. Option VVS is not available in Canada. The headlamp control on the driver's side of the instrument panel operates the headlamps.

If your Caprice does not have option VVS, Daytime Running Lamps and Automatic Headlamps Delete, the Daytime Running Lamps and Automatic Headlamps can be turned off for one ignition cycle by rotating the control knob momentarily counter-clockwise. Rotating the headlamp switch again will turn the daytime running lamps or automatic headlamps back on.

In Canada, the Daytime Running Lamps and Automatic Headlamps can be turned off if the transmission is in Park. See also Caprice owner's manual.

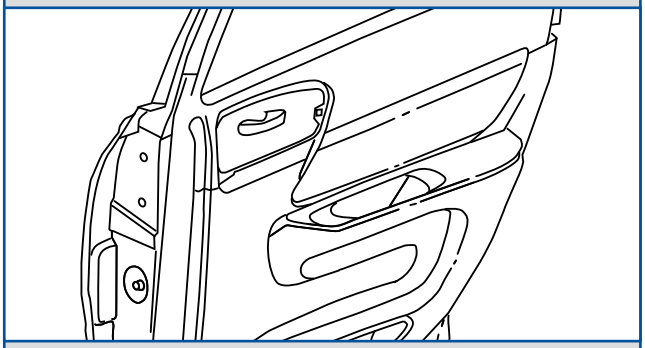
6J4 WIRING PROVISION FOR HORN/ SIREN CIRCUT



Two 16-gauge wires are connected to an in-line connector in the horn circuit of the instrument panel harness under the instrument panel. The end of this harness extension is terminated with an in-line connector in a 60-inch (1.5 m) coil under the instrument panel. Connection to customer switching permits operation of the horn or siren with the horn button.

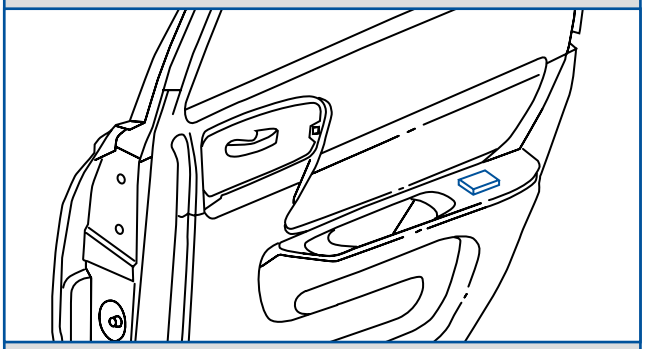
NOTE: For wiring diagram see page 20

6N6 - REAR DOOR LOCKS AND HANDLES INOPERATIVE



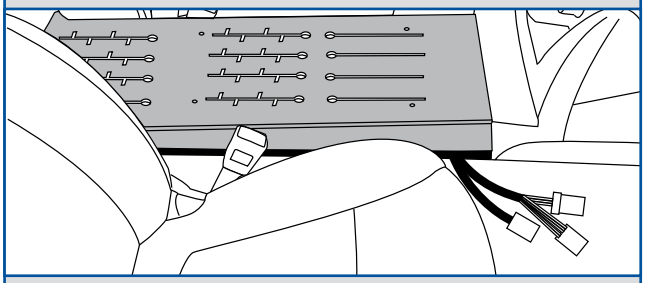
Rear doors can only be opened from the outside. Locks operate only from driver door switch

6N5 WINDOW SWITCHES - REAR DOOR INOPERATIVE



Rear door window switches are inoperable. Rear door power regulators are operable only from driver position switches.

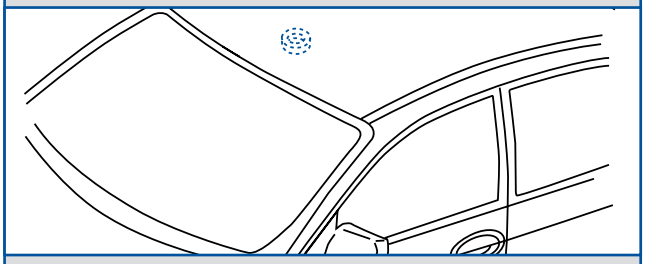
6J3 WIRING PROVISION FOR VEHICLE GRILLE LAMPS AND SPEAKER/SIREN



The SEO 6J3 wiring provision circuits are terminated at a 16-way connector on the upfitter harness at the front of the equipment mounting platform. The wiring circuits are routed from under the instrument panel to a 2-foot (610 mm) coil secured in the area behind the grille, to the left of the hood latch assembly.

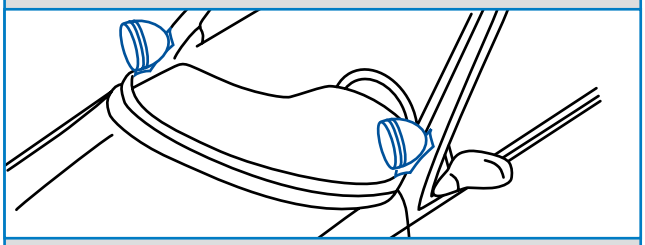
NOTE: For wiring diagram see page 20

6C7 LAMP - AUXILIARY DOME



Red and white auxiliary dome lamp is located to the rear of the vehicle dome lamp (red is LED and white is incandescent). The auxiliary lamp is wired independently from the standard dome lamp.

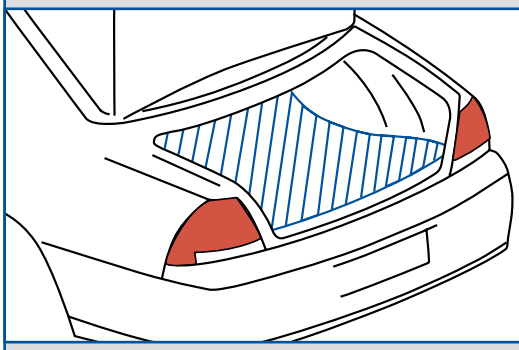
7X6 AND 7X7 SPOTLAMPS 7X8 AND 7X9 SPOTLAMP PROVISIONS



7X6	Spotlamp left hand, pillar-mounted unity, 6-inch with replaceable H3 halogen bulb; independently fused
7x7	Spotlamps left and right hand, pillar-mounted unity, 6-inch with replaceable H3 halogen bulb; independently fused
7x8	Spotlamp provision left hand provision for customer installed spotlamp includes hole through pillar, mounting bracket and accessible power connector
7X9	Spotlamp provision left and right hand includes same components as option 7X8

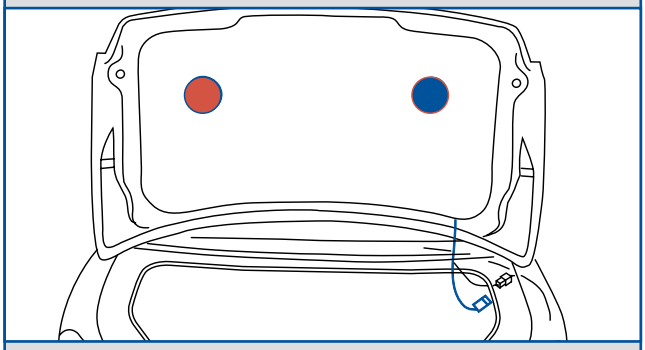
NOTE:
- ***Lamp bulbs are halogen 12volt 100 watt H-3 rated at 245,000 candle power***
- ***For wiring diagrams and fuse location see page 20***
- ***Customer furnished spotlamp assembly must be installed to avoid interference with deploying passenger airbag***
- ***Factory installation of spotlamps or spotlamp provisions are recommended. The windshield pillars are designed with ultra high strength steel to enhance crash worthiness and special tooling is used to locate and drill the lamp shaft holes. The spotlamp brackets are attached with special fasteners to avoid drilling the high strength steel reinforcement."***

B42 MAT - TRUNK



Custom fitted, heavy-duty vinyl molded edge to keep spills contained, removable for easy cleaning

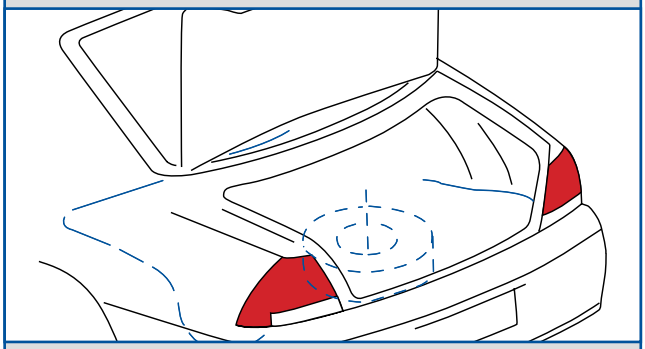
T53 LAMPS - TRUNK LID WARNING



Two 4-inch, single faced, red and blue LED lamps are mounted to the deck lid inner panel. Lamps are activated by the deck lid ajar mechanical switch when deck lid is opened. Lamps are wired to flash alternately through a flasher located at the upper right hand corner of the trunk opening.

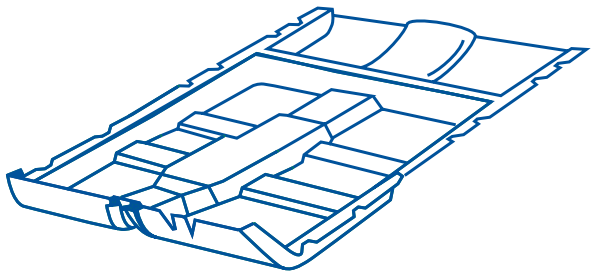
Wiring is protected by fuse F8 in the rear fuse block located on top of the standard battery in the trunk.

SG8 FULL SIZE SPARE



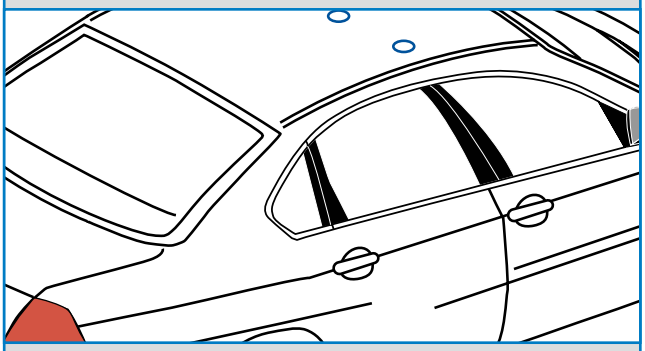
Full-size spare tire is mounted under the load floor. The full-size spare tire includes a Tire Pressure Monitor (TPM) sensor which must be programmed to the TPM System after the spare tire is installed.

6A3 COVERING - FLOOR



Black heavy-duty front and rear. Replaces production carpeting.

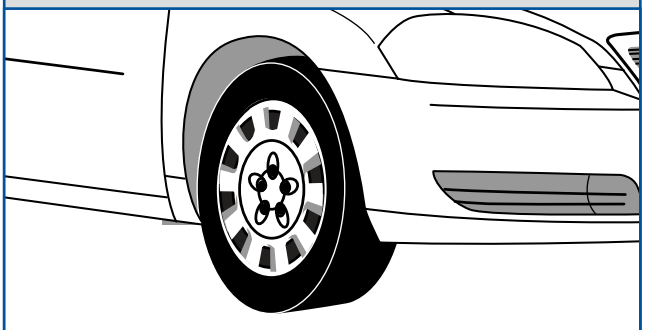
6B7 AND 6J5 HOLE IN ROOF PANEL



6B7	Hole is drilled near center line of roof panel approximately 29 inches rearward of windshield opening. Includes sealing harness grommet in roof hole
6J5	Hole is drilled on passenger side of roof panel approximately 29 inches rearward of windshield opening and approximately 6 inches inboard from passenger side door. Includes sealing harness grommet in roof hole

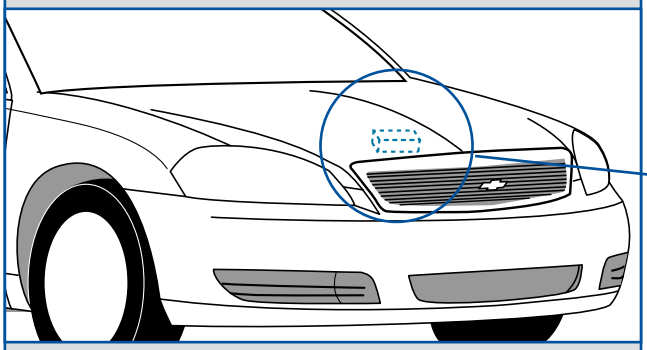
NOTE: Only one roof hole location may be ordered.

W2P FULL WHEEL COVER



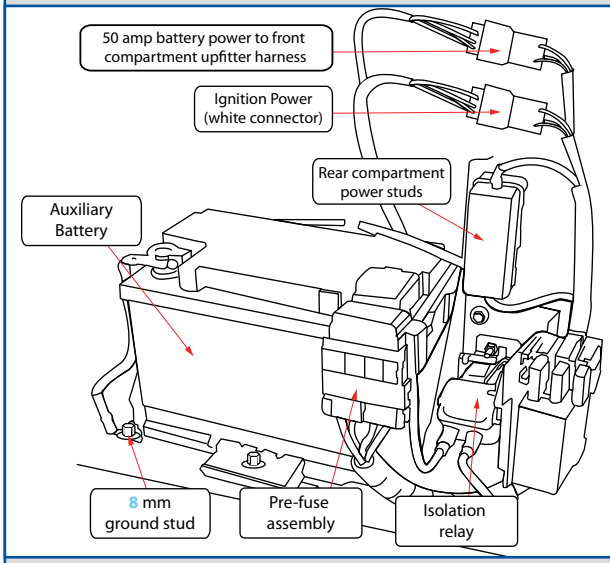
Plastic wheel cover attaches to threaded lug nuts

6J7 FLASHING SYSTEM EXTERIOR LAMPS MODULE LOCATION



The Option 6J7 Exterior Lamps Emergency Flashing Module mounting location at the rear edge of the upper right hand radiator support.

K5S – AUXILIARY BATTERY

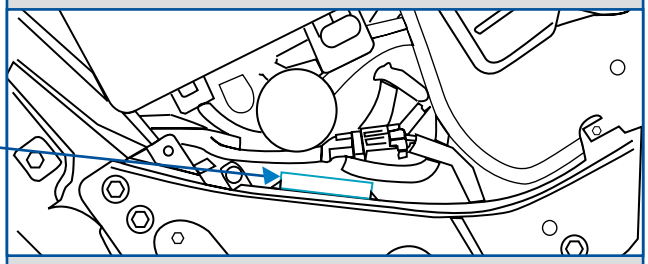


Option K5S, Auxiliary Battery, consists of a 700 CCA battery mounted at the right side of the rear compartment and is connected to the electrical system via a Pre-fuse Assembly. Also included is an isolation relay which is activated whenever the ignition is ON. The isolation relay is intended to isolate the auxiliary battery and connected load from the primary battery to avoid unintended rundown of the primary battery. Whenever the ignition is ON and the engine is running, the primary battery and auxiliary batteries are being charged, as determined by the charging system controls.

A Violet/Gray ignition controlled power circuit, HOT in RUN/START, terminates in a white connector located above the auxiliary battery power junction block. This same circuit is also located in the front passenger foot well upfitter harness (see page 19). A 10-amp fuse (EF26) protects both circuits and is located in the engine compartment fuse center. The total power available for the combined front and rear circuits is 60 watts.

NOTE: If 50-amp battery power is not present at the front compartment upfitter harness, verify the connection of the topmost (blue) of two connectors located above the right hand rear compartment junction block. For wiring diagram see pages 18 and 19. See also page 13, Rear Auxiliary Power and Ground Stud and page 16, K5S, Auxiliary Battery.

6J7 FLASHING SYSTEM, EXTERIOR LAMPS



Option 6J7 provides a headlamps high beam flashing module, rear lamps flashing via the Body Control Module (BCM) and a control wire for customer-furnished switching to turn the module on and off. The flasher control wire is terminated in the 16-way connector on the upfitter harness at the right front corner of the equipment mounting platform. The flashing module is located is located on the rear side of the passenger side upper radiator support

The headlamp flashing module is activated by the application of 12 volts to a dark green wire in the upfitter harness. When activated, the headlamp high beams and the high beam instrument cluster indicator will flash alternately at 2.4 flashes per second. When the flashing module is turned on, the module sends a signal to the BCM which alternately flashes the stop lamps and backup lamps at the same flash rate as the headlamps. Depressing the brake pedal will override the stop lamp flashing and placing the transmission in Reverse will override the backup lamps flashing.

During daylight conditions, the Daytime Running Lamps (DRL) are automatically turned off whenever the headlamps flashing module is activated. During night time conditions, the low beam headlamps automatically turn on while the high beam lamps flash. Turning on the high beam headlamps manually will override the flashing module and the high beam headlamps will operate continuously. During night time conditions the tail lamps will turn on automatically. If Option VVS is present the low beam headlamps and tail lamps will not come on automatically. The Center Mounted Stop Lamp will operate only when the service brakes are applied.

A 15-amp fuse labeled EF35 protects the flasher module circuit. The fuse is located in the under hood fuse block in the engine compartment on the passenger side of the vehicle. See also the Owner Manual for more information.

Activation of the headlamps flashing and rear lamps can be separated by opening the blue/green BCM circuit at the flasher module connector, P181-F, and applying a customer-switched ground to the blue/green wire in the upfitter harness 16-cavity connector (P277-16) at the right side of the equipment mounting platform. Power to the green wire must be OFF to flash rear lamps only.

Warning: BCM will be damaged if 12V power is connected to the dark-blue/yellow wire.

NOTE: For wiring diagram see page 18

KEYS AND TRANSMITTERS

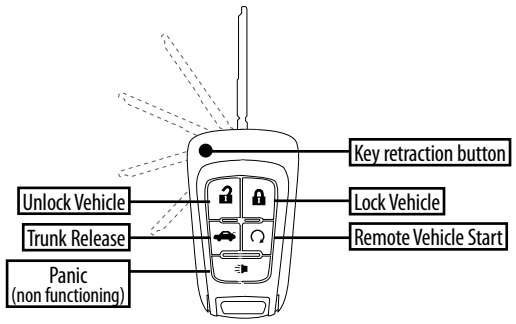
KEYS

Part Number	Description
13585404	Key/Transmitter Assembly, Door Lock and Ignition Lock, (CUT KEY) Master (AX2) Random Cut
13585687	Key/Transmitter Assembly, Door Lock and Ignition Lock, (UNCUT KEY) Master (AX2) Key Blank
See Dealer	Key/Transmitter Assembly, Door Lock and Ignition Lock, (CUT KEY) Fleet (AU7) Keyed Alike (6E3)
See Dealer	Key/Transmitter Assembly, Door Lock and Ignition Lock, (CUT KEY) Fleet (AU7) Keyed Alike (6E4)
13585688	Key/Transmitter Assembly, Door Lock and Ignition Lock, (UNCUT KEY) Fleet (AU7) Key Blank (6E3/6E4)
92271667	Key, Door Lock and Ignition Lock, (UNCUT KEY) Master (AX2) Key Blank (Basic Key with Blank Transmitter)
92271668	Key, Door Lock and Ignition Lock, (UNCUT KEY) Fleet (AU7) Key Blank (6E3/6E4) (Basic Key with Blank Transmitter)
See Dealer	Key, Door Lock and Ignition Lock, (CUT KEY) Fleet (AU7) Keyed Alike (6E3) (Basic Key with Blank Transmitter)
See Dealer	Key, Door Lock and Ignition Lock, (CUT KEY) Fleet (AU7) Keyed Alike (6E4) (Basic Key with Blank Transmitter)
19302076	Key, Door Lock and Ignition Lock, (CUT KEY) Master (AX2) Random Cut (Basic Key with Blank Transmitter)

KITS

See Dealer	Key, Door Lock and Ignition Lock, (CUT KEY) Fleet (AU7) Keyed Alike (6E3) (Package of 6 Basic Keys with Blank Transmitter)

AMF - PACKAGE OF 6 KEY AND TRANSMITTERS



Option AMF: Package of 6 Keys and Transmitters, includes 6 cut keys with integrated remote keyless entry (Transmitter are not programmed).
Each transmitter including the two standard with the vehicle, must be programmed at the same time by the customer or by a dealer at customer expense. Transmitter programming is not a warranty item. Common frequency keyless entry for fleet keyed vehicles not available; each fleet keyed vehicle will have a different keyless entry. See your owner's manual for additional programming information.

PROGRAMMING THE KEY AND TRANSMITTER

1. The six RPO AMF keys are pre-cut at vehicle assembly. If a key is separate from AMF, cut the new key blank to match the existing vehicle key.
2. Using the existing key, turn the ignition to ON/RUN with the engine off.
3. Turn the key to OFF/LOCK and remove the key from the ignition.
4. Insert and turn the new key and turn the ignition to ON/RUN within 10 seconds of moving the existing key to the OFF/LOCK position.

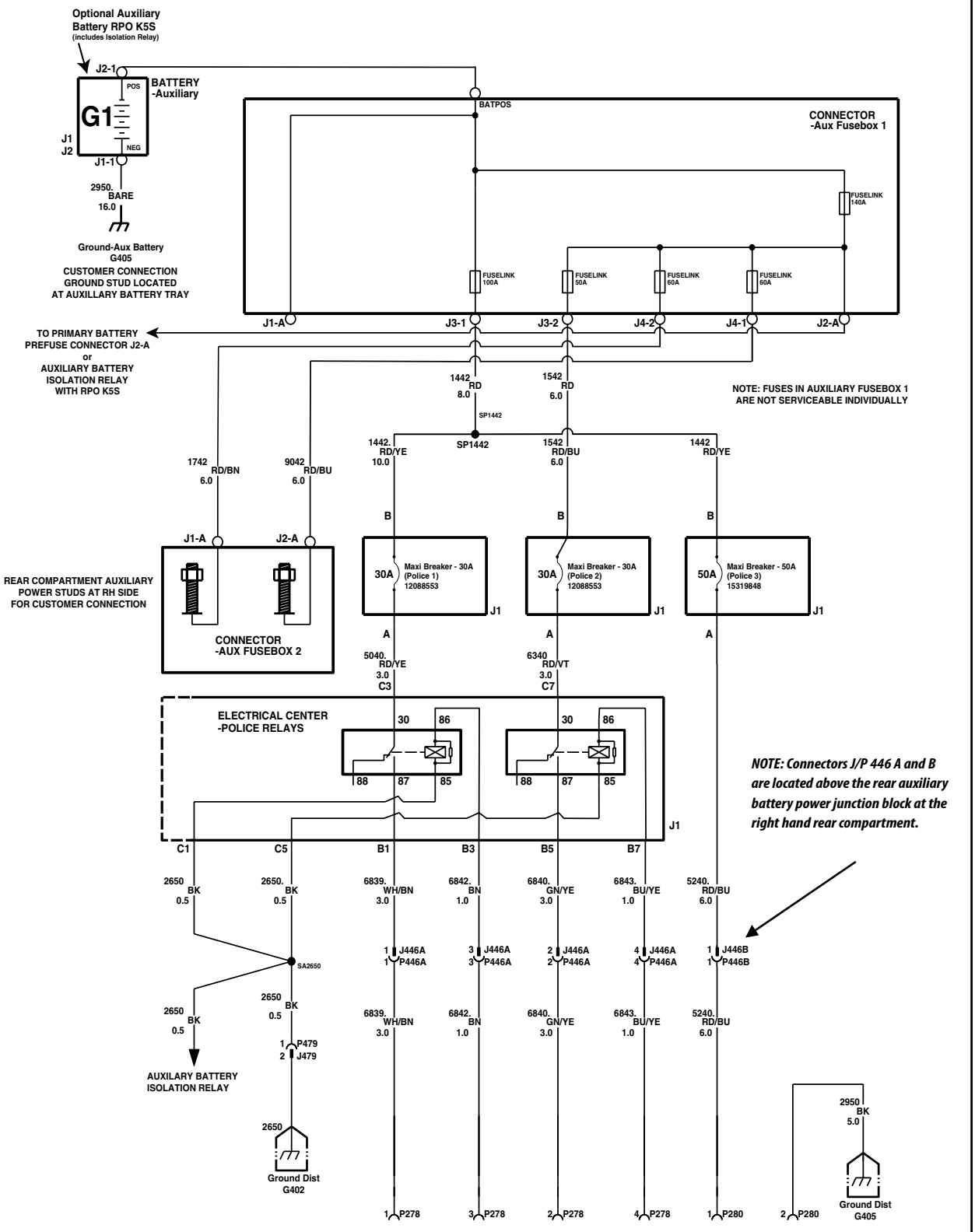
The vehicle has now learned the new key.

NOTE

- **You can lock the key in the ignition on the latest 2014 Caprices with power door lock on Driver's door**
- **Turning the Driver's door lock cylinder clockwise will lock all 4 doors**
- **You can unlock the Driver's door only by turning the key in cylinder once counter clockwise**
- **You can unlock all 4 doors by turning the key cylinder in Driver's door counter clock wise twice**
- **Passenger door lock cylinder controls the passenger door only and has no effect on the other 3 doors. You cannot lock all doors by use of the passenger door lock cylinder. However you can press the power door lock button on the passenger door when door is open and lock all 4 doors before closing it**
- **Does not allow for any remote FOB to operate actively when any key is Detected in the ignition**
- **A unique (Random) keyed car will only learn 8 keys (each key has a chip just like before) no matter if they have a FOB or not. Any combination (real FOB or not) of 8 keys will program, no more. If you lose one key and 8 were already programmed, no more can be added. You will need to remove all of the keys in memory (just like before) and have the addition keys/FOBs to get back to 8. You can then relearn the existing keys/FOBs along with the replacement key/FOB giving you 8 functioning keys/FOBs**
- **A fleet keyed car will allow programming of any amount of keys with or without real FOBs. Mix and match all you want, however only the first 8 FOBs learned to the vehicle will have their FOB functionality intact. Meaning that FOB #9 will only be able to start the vehicle. The lock/unlock functionality will not work**

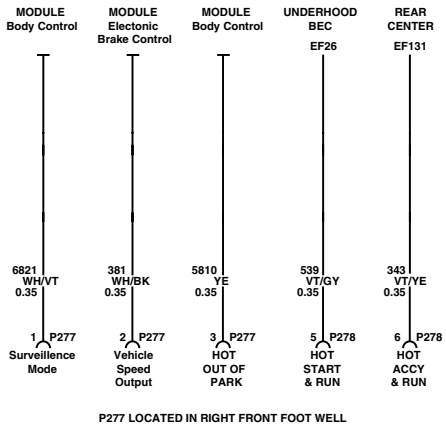
UPDATED JANUARY 2014

WIRING DIAGRAM FOR 12-VOLT BATTERY POWER SUPPLY



Police relay outputs and control circuit connections are terminated in 3 connectors at the right front of the equipment mounting platform. Battery power is supplied through two fusible links, one 100 amp and one 60 amp, to three circuit breakers and two control relays located in the trunk relay center. A 50 amp circuit breaker feeds power directly from the fusible links through a 10 gauge (6.0 mm) wire. Two 30 amp circuit breakers supply power from the fusible links through the contacts of the control relays to 12 gauge (3.0 mm) wires. Each relay is operated by an 18 gauge (1.0 mm) brown or blue/yellow control lead terminated in the 6 cavity connector. A 8 gauge (8.0 mm) ground lead is provided in the 2 cavity connector. The total current available through the 12 volt power supply is 110 amps (1320 watts).

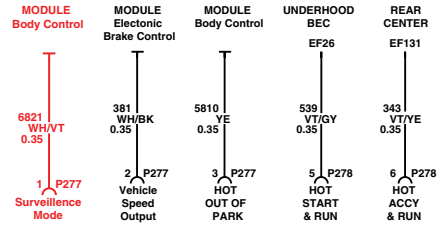
WIRING DIAGRAM FOR CONTROLLED POWER AND SIGNAL CIRCUITS WITH 12-VOLT POWER SUPPLY



Ignition controlled power and signal circuits are also included in the 6 cavity and 16 cavity upfit connectors.

- A violet/yellow 10 amp fused circuit, HOT in ACCESSORY/RUN; fuse EF131 is in the end of the instrument panel.
- A violet/gray 10 amp fused circuit, HOT in START/RUN; fuse EF26 is in the engine compartment fuse block. This circuit is also located at the RH side of the trunk in a white connector above the rear auxiliary power junction block (see page 13). Total power available for the combined front and rear circuits is 60 watts.
- A yellow Park signal from the Body Control Module (BCM). This circuit provides switched 12 volt power when the transmission is not in PARK (P) and the engine is running. The electrical load attached must not exceed 0.5 amps (one relay coil).
- A white/black vehicle speed signal (4000 pulses per mile) from the ABS module. Connect only a high impedance load.
- A white/violet Surveillance Mode circuit. When grounded, all automatic lighting is suppressed and the radio display is OFF.

SURVEILLANCE MODE



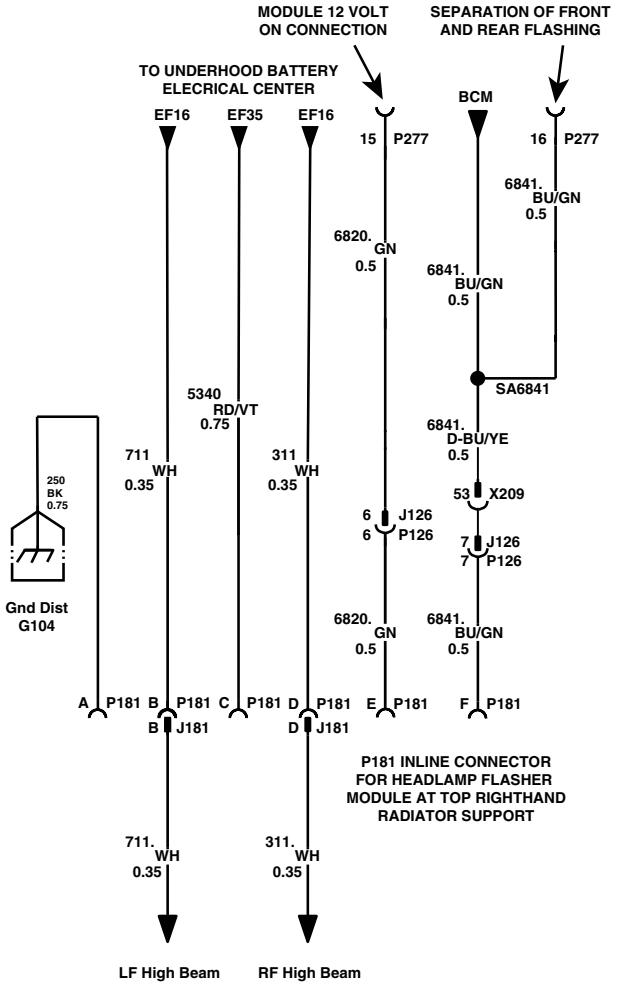
When the vehicle lighting system is in the Automatic Mode (Headlamp switch in the AUTO position) and night time conditions exist, the exterior lighting will automatically come ON. In day time conditions, the Daytime Running Lamps (DRL) will be ON.

Surveillance Mode is a standard feature in the Caprice Police vehicle. The Surveillance Mode circuit is terminated in cavity 1 of the 16 cavity upfitter connector P277, located at the passenger side front of the equipment mounting platform.

When Surveillance Mode is activated by applying a ground to the White/Violet wire in cavity 1, all automatic lighting functions are suppressed. All manually operated lighting controls remain functional, e. g., exterior lamps, turn/stop. If RPO VVS, DRL and AUTO HEADLAMPS Disabled is present, exterior light is manually controlled; all other listed items are suppressed when Surveillance Mode is activated.

- Radio Display is OFF (If the radio is ON, the audio remains on in the Surveillance Mode).
- Instrument Cluster is OFF (PRNDL remains barely discernable per FMVSS 101).
- Low Beam Headlamps are OFF; DRL are OFF during daytime.
- High Beam Headlamps are OFF, Flash-to-Pass remains functional.
- Tail Lamps are OFF (Stop Lamps and Turn Signals remain functional) .
- License Lamps are OFF.
- Dome Lamps are disabled (inoperative at the lamp switches) and remain off when a door is opened. All interior lighting is OFF, e. g., controls, HVAC, glove box, trunk.
- Auxiliary Dome Lamp (RPO 6C7) is functional but locally switched at the lamp base.
- Remote lock/unlock audible/visual functions are OFF; horn chirp OFF when a door is open with remote lock requested.

WIRING DIAGRAM FOR HEADLAMP AND REAR LAMPS FLASHING SYSTEM – 6J7

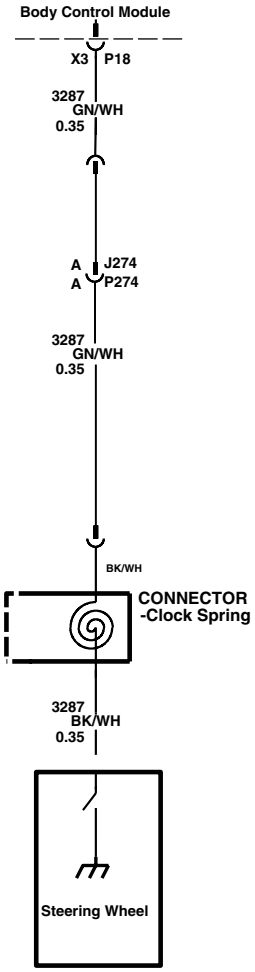


An in-line connector in the forward lamp harness permits installation of a compatible flasher module for the exterior lamps Emergency Flashing System. The in-line flasher module connector is located at the RH end of the upper radiator support and includes two wiring circuits to the front compartment foot well. A green wire is intended for customer connection to switched 12 volt power to activate the flasher module. A second blue/green wire permits optional separate control of the headlamp flashing and rear lamps flashing. Separate control of the rear lamps flashing requires opening the blue/green control circuit at the in-line connector terminal P181-F and application of switched vehicle ground to the control wire in the forward compartment, P277-16. Power to the blue/green wire must be OFF to flash rear lamps only.

Warning: BCM will be damaged if 12V power is connected to the dark-blue/yellow wire.

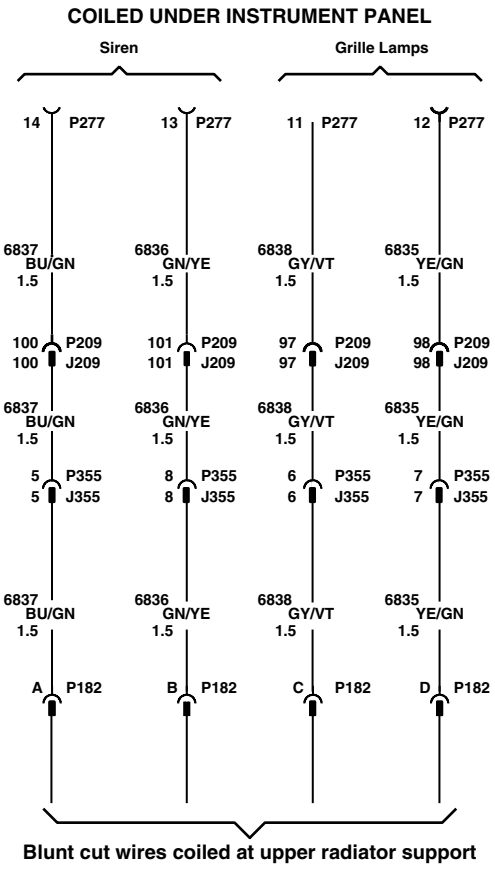
NOTE: Wiring diagrams for these options are shown in the Police Package owner's manual supplement (shipped in glove box).

WIRING DIAGRAM FOR HORN/SIREN CIRCUIT - OPTION 6J4



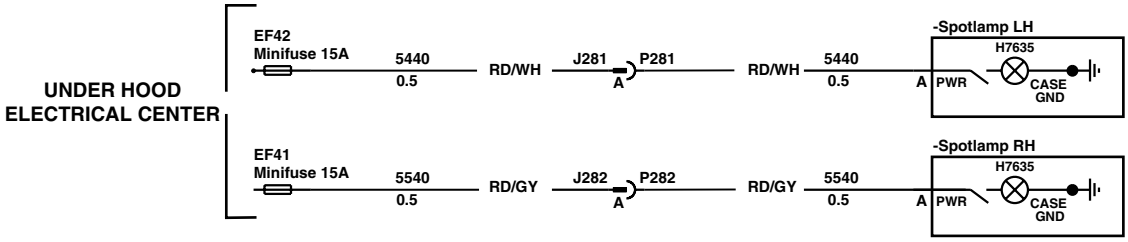
Two 20-gauge (0.5 mm²) wires are connected to an in-line connector in the horn circuit of the instrument panel harness under the instrument panel. The end of this harness extension is terminated with an in-line connector in a 60-inch coil under the instrument panel. Connection to customer switching permits operation of the horn or siren with the horn button.

WIRING DIAGRAM FOR GRILLE LAMPS AND SIREN/SPEAKER - OPTION 6J3



The SEO 6J3 wiring provision circuits are terminated in the 16 cavity connector at the front of the equipment mounting platform on the passenger side. The wiring circuits are routed from the passenger compartment to a 2 foot (30 cm) coil secured in the area behind the grille. There are four 16 gauge (1.5 mm) wires for connecting to the grille lights and siren speaker.

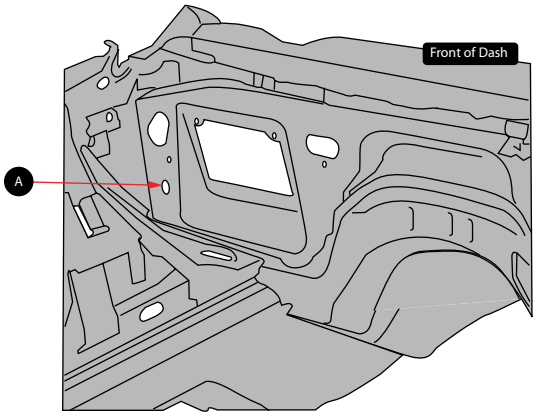
WIRING DIAGRAM FOR WINDSHIELD PILLAR-MOUNTED SPOTLAMP - OPTION 7X6 AND 7X7

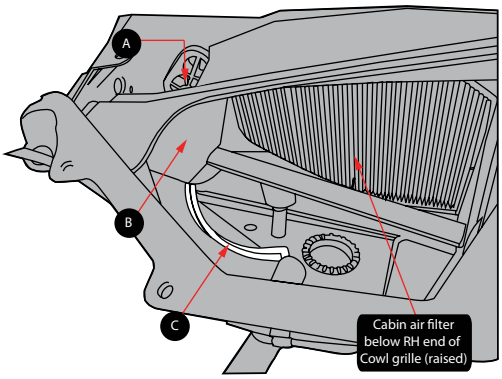


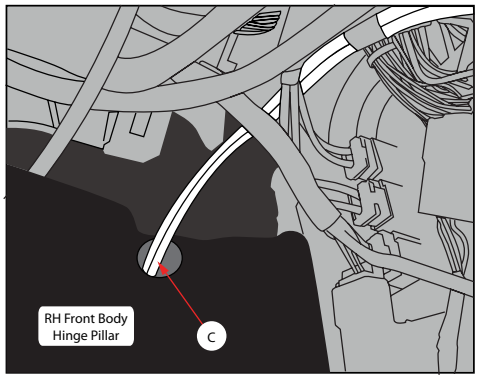
7X6 spotlamp left hand and 7X7, spotlamps left and right hand, pillar-mounted Unity, 6-inch with replaceable H3 halogen bulb; independently fused

NOTE: Wiring diagrams for these options are shown in the Police Package owner's manual supplement (shipped in glove box).

WIRING PROVISION - 25MM ACCESS HOLE - RH DASH PANEL







A) Blanking grommet through front of dash below the oval wire grommet
B) Bulkhead in filter chamber
C) Possible upfit harness routing

Can specialty vehicle equipment (e.g. radar devices, video cameras, computers, meters, radio trees, shotguns, etc.) still be mounted in cars with passenger side air bags?

Yes, but care must be taken to mount the equipment outside of the deployment zone. Air bags inflate with great force and will interact with any object in the deployment zone. Therefore, to reduce the risk of injury to vehicle occupants, GM recommends that the air deployment zone be kept free of any equipment. If a piece of equipment were to become dislodged it could strike an occupant in the vehicle and result in injury. The likelihood of an object becoming dislodged is influenced by many factors, including the proximity of the object to the inflatable restraint, the size and shape of the object, and the means by which the object is secured to the vehicle. In addition to these factors, the trajectory and velocity of a dislodged object can be influenced by the type and severity of vehicle crash.

Objects that are in the deployment zone, but do not become dislodged by an inflating air bag can still affect the performance of the air bag. For example, such objects could tear the fabric or affect the shape of the air bag, thus reducing the ability of the bag to provide restraint.

Is it possible to shield equipment that is installed in the passenger side frontal air bag deployment zone in a manner that will allow full and safe air bag deployment?

Due to the complexity of influencing variables, GM is unable to evaluate the potential for shielding expected equipment configurations in all accident scenarios in order to assure that the air bag performance would be unaffected. While shielding may protect certain equipment from being damaged or dislodged, it may also negatively affect the inflation characteristics of the air bag. The air bag's shape, inflation angle, fold pattern, and inflation rate and pressure are developed to maximize the protection capability of the inflatable restraint system. Therefore, GM cannot recommend the placement of any equipment in the deployment zone, even if it is shielded to protect it from damage.

Front air bag systems and instrument panel mounted equipment.

Passenger air bags in GM vehicles deploy in different ways depending upon the type of vehicle and the particular instrument panel design.

In some vehicles, the passenger air bag deploys through a discrete door located on the top surface of the instrument panel (top-mount air bag systems). In other vehicles, such as the Chevrolet Tahoe, the passenger air bag deploys through a discrete door mounted on the vertical rearward surface of the instrument panel, above the glove box door (mid-mount air bag system). With these types of top-mount and mid-mount passenger air bag systems, the top pad of the instrument panel remains in place during deployment.

Some GM passenger air bag systems, like the system in the Chevrolet Impala, deploy from beneath the instrument panel top pad. These are considered 3/4-mount air bag systems with a "deployable top pad." The entire instrument panel top pad is the "deployment door" from under which the inflating air bag emerges. When an air bag deployment is commanded, the forces from the inflating passenger air bag push up on the instrument panel top pad, releasing special fasteners across the rearward edge of the top pad. This allows the top pad to rotate upward so that the passenger air bag may emerge. The top pad rotates upward to open widest at the right hand side, and is usually forced upward into contact with the windshield on the right hand side of the vehicle during a deployment.

Instrument panel top mounted special equipment, such as a radar antenna and control unit or video camera must be positioned to the left of the vehicle center line. This equipment must be mounted as low as possible and securely fastened to the top pad to avoid being dislodged in the event of a crash and possible air bag deployment. In the process of securely fastening special equipment to the top, DO NOT fasten down the top pad itself to any other vehicle component such as the cluster trim plate. As described above, the top pad rotates upward during a deployment. In order to enable the proper deployment of the passenger air bag, specialty equipment installation MUST NOT PREVENT the top pad from rotating upward during deployment. Location and attachment of special equipment should minimize added resistance or interference to upward rotation of the top pad during deployment.

Side-Impact Air Bags for crashes to the vehicle sides.

The air bag system in your police vehicle includes includes roof rail mounted Head Curtain side air bags.. The vehicle is also equipped with seat back mounted upper body air bags located on the outboard side of the driver and front passenger seat backs. Together the Head Curtain and seat-mounted side air bags are intended to protect the head and upper body in the event of a side crash. Some vehicles may also be equipped with an optional air bag, mounted on the inboard side of the driver seat back.

Can Specialty Vehicle Security Barriers be mounted within the side air bag deployment zones?

No. The side air bags inflate extremely fast because of the nature of side crashes to the vehicle. Mounting a security barrier behind the front seats with the ends placed within the side air bag deployment zones will result in unintended interaction between the barrier and the inflating side air bags. To reduce the risk of injury to the vehicle occupants, GM recommends that the side air bag zones be kept free of any customer installed equipment.

Customer furnished equipment installed to the vehicle roof.

Your police vehicle is designed with an interior roof cover system which includes internal components for the interior lamps and wiring. The roof system may also include side air bag components. Inflation devices may be mounted on the vehicle roof side behind the rear doors as well as air bag tethers retained to the windshield pillars. Care must be taken to avoid damage to these components or interference with their operation when installing roof mounted equipment such as emergency lamps and communication antennas.

Recommended GM service procedures must be followed to remove and re-install the instrument panel top pad to ensure that the top pad will release properly in the event of a passenger air bag deployment.

On the right half of the top pad closest to the passenger air bag module, GM recommends that no equipment be mounted. When mounting equipment on the driver side of the top pad, GM recommends that the total mass of the top pad mounted special equipment not exceed 8 pounds (3.6 kilograms), since some top pads tend to rotate about the left end.

Fasteners used to secure special equipment to the instrument panel top pad, the windshield glass, or to the windshield upper frame (header), should be selected to ensure that these devices will remain attached during a vehicle crash and possible air bag deployment.

Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

Can the installation of push bumpers on the front end of the vehicle affect the deployment of the air bag?

General Motors is not aware of adverse effects during crash events from the many push bumpers thai have been installed on GM police vehicles. Because there are many styles of push bumpers available with varying crash characteristics, installation of push bumpers may or may not affect deployment timing of the air bags. Push bumpers should be mounted to avoid modifying the vehicle structure and interfering with the front air bag sensors mounted on the upper radiator support cross member

Two front impact sensors are installed in General Motors vehicles. Do not relocate or disconnect the front sensors. The location and orientation of the front sensors are critical for correct operation of the air bag system. Avoid mounting components on or near the sensors. Push bumper styles with vertical pushing members that are in foreaft alignment with the front air bag sensors are not recommended.

When should an air bag inflate?

The driver's and right-front passenger's frontal air bags are designed to inflate in moderate to severe frontal or near-frontal crashes. But they are designed to inflate only if the impact speed is above the system's designed "threshold level."

In addition, your vehicle has “dual stage” frontal air bags which tailor the the amount of restraint according to crash severity. For moderate frontal impacts, the air bags inflate at a level less than full deployment. For more severe frontal impacts, "dual stage" frontal air bags deploy at full levels.

If the front of your vehicle goes straight into a wall that doesn't move or deform, the threshold level of the reduced deployment is about 12 to 16mph (19 to 15 km/h), and the threshold level for a full deployment is about 18 to 24 mph (29 to 28.5 km/h). The threshold level can vary, however, with specific vehicle design, so that it can be somewhat above or below this range.

If your vehicle strikes something that will move or deform such as a parked car, the threshold level will be higher. The driver's and right-front passenger's frontal air bags are not designed to inflate in rollover, side impacts, or rear impacts, because inflation would not help the occupant.

Seat mounted side impact air bags are designed to inflate in moderate to severe side crashes. The side impact air bags will inflate if the crash severity is above the designed "threshold level." The threshold level can vary with specific vehicles design. The side impact air bags are not designed to inflate on frontal or near-frontal impacts or rear impacts, because inflation would not help the occupant.

Roof rail mounted head-curtain air bags are designed to inflate in moderate to severe side crashes. In addition, certain vehicles have head-curtain air bags which are also designed to inflate in situations where an impending rollover condition is identified by the vehicle's rollover sensing system and/or frontal or near-frontal impacts if the crash severity is above the designed "threshold level".

Safety belt pretensioners at the driver and front passenger seat positions are designed to deploy in frontal, near-frontal, side, and rear crashes that exceed the "threshold level" of crash severity to help reduce slack in the safety belt Safety belt pretensioners will also deploy in impending rollover situations.

How long will the air bag remain inflated?

It takes approximately 1/20th of a second to fully inflate the frontal air bags. This is faster than the blink of an eye. The air bags begin to deflate immediately, helping to stop the occupants more gradually.

I've heard that a deployed air bag produces whet appears to be smoke, is the air bag hot?

After the bag has deployed in a crash, the air bag itself will not be hot to touch. Some components within the air bag module will be hot for a short time. A small amount of smoke coming from a deployed air bag module is normal and should not be cause for concern.

Also, when the nitrogen gas is vented out of the air bag, small particles from inside the bag are also vented into passenger compartment. These airborne particles look like smoke and some particles are deposited as residue on and around the air bag.

I've heard that the dusts that are released into the passenger compartment from the air bag are harmful, is this true?

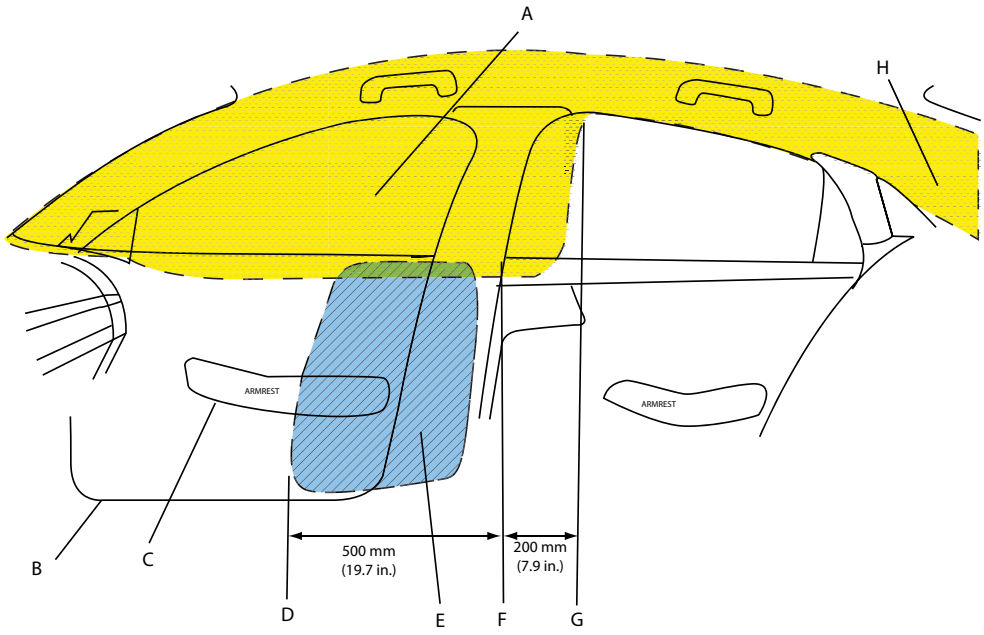
For most people, the only effect the dusts will produce is some irritation of the throat and eyes, and that is only if the occupant remains in the vehicle for many minutes after the air bag deployment with no ventilation and windows closed. However, some people with asthma may develop an asthmatic attack from inhaling the dusts. If this happens, they should first treat themselves the same way their doctor has advised them to treat any other asthma attack, and then immediately seek medical treatment.

Can the air bag system be re-used?

No, The air bags are designed to inflate only once. After inflation some new parts will be required. These will include the air bag module and possibly other parts. (A competent service technician with access to the vehicle's service manual and the required tools should replace the required components after a deployment crash.)

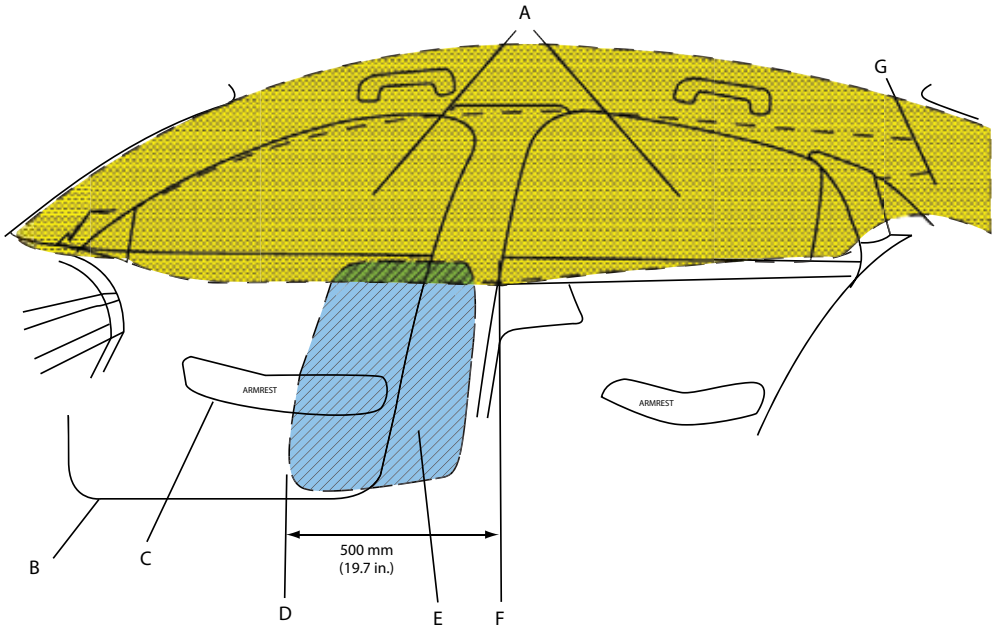
If my vehicle has air bags, why should I have to wear my safety belt?

Air bags are in many vehicles today and will be in most of them in the future. But they are supplemental systems only; so they work with safety belts not instead of them. Every air bag system ever offered for sale has required the use of safety belts. Even if you're in a vehicle that has air bags, you still have to buckle up to get the most protection. That's true not only in frontal collisions but especially in side and other collisions.



STANDARD HEAD CURTAIN AND FRONT SEAT-MOUNTED SIDE IMPACT AIR BAG[1] DEPLOYMENT ZONES
PASSENGER SIDE SHOWN, DRIVER SIDE SIMILAR

A. Head Curtain air bag zone – front seats only
B. Front door sill
C. Front door armrest
D. Fore-most end of seat-mounted thorax air bag zone
E. Front seat thorax-pelvic air bag zone
F. Back edge of body center pillar trim at bottom of rear door window
G. Rear-most end of front head curtain
H. Zone extends into sail panel area

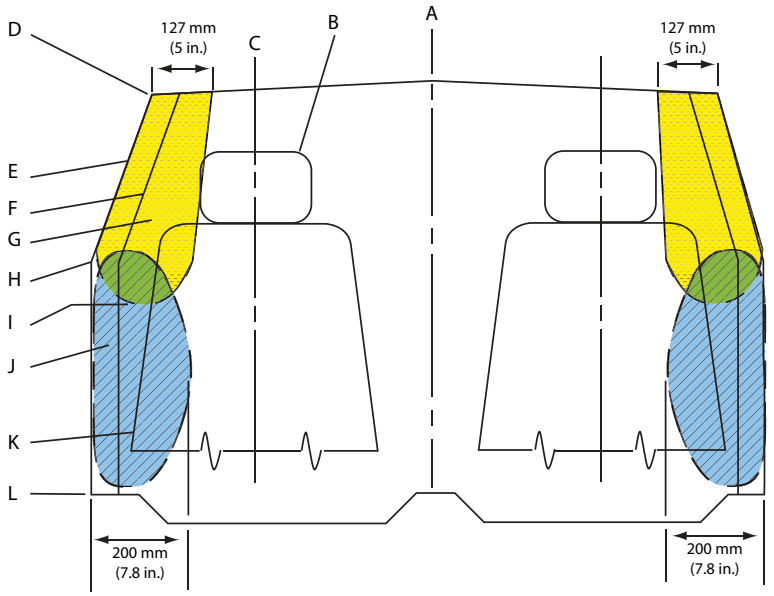


OPTIONAL (RPO AYG) HEAD CURTAIN AND FRONT SEAT-MOUNTED SIDE IMPACT AIR BAG[1] DEPLOYMENT ZONES
PASSENGER SIDE SHOWN, DRIVER SIDE SIMILAR

A. Head Curtain air bag zone – front and rear seats
B. Front door sill
C. Front door armrest
D. Fore-most end of seat-mounted thorax air bag zone
E. Front seat thorax air bag zone
F. Back edge of body center pillar trim at bottom of rear door window
G. Zone extends into sail panel area

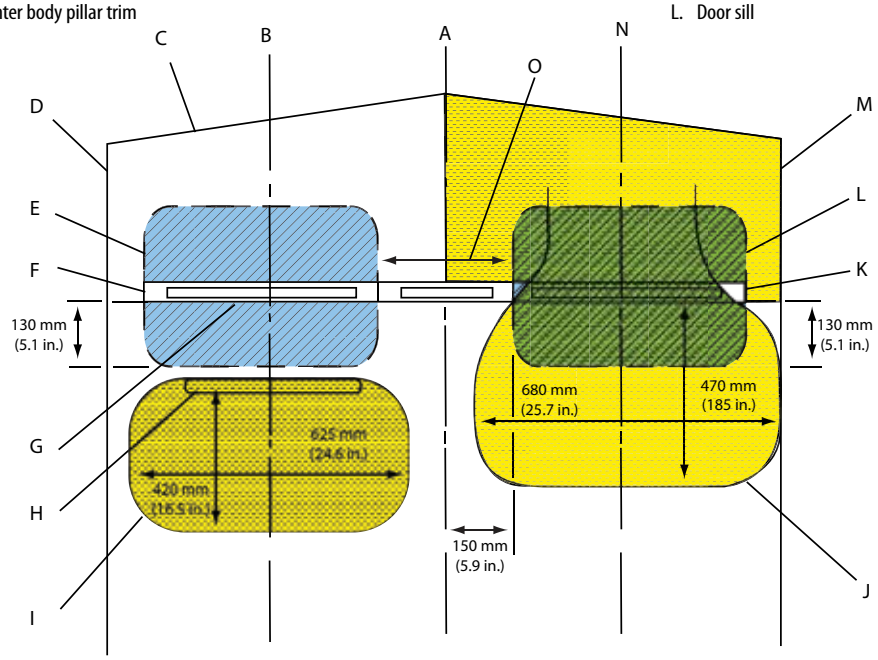
1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

NOTE: All dimensions are approximate and subject to change.



HEAD CURTAIN AND FRONT SEAT-MOUNTED SIDE IMPACT AIR BAG[1] DEPLOYMENT ZONES
VIEW FROM REAR SEAT, RIGHT SIDE IS MIRROR OF LEFT SIDE

A. Vehicle center-line
B. Headrest
C. Center-line of occupant
D. Edge of headliner
E. Door inner trim panel
F. Center body pillar trim
G. Head curtain air bag zone
H. Bottom of door windows
I. Front door handle
J. Front seat back thorax-pelvic air bag zone
K. Seat back
L. Door sill

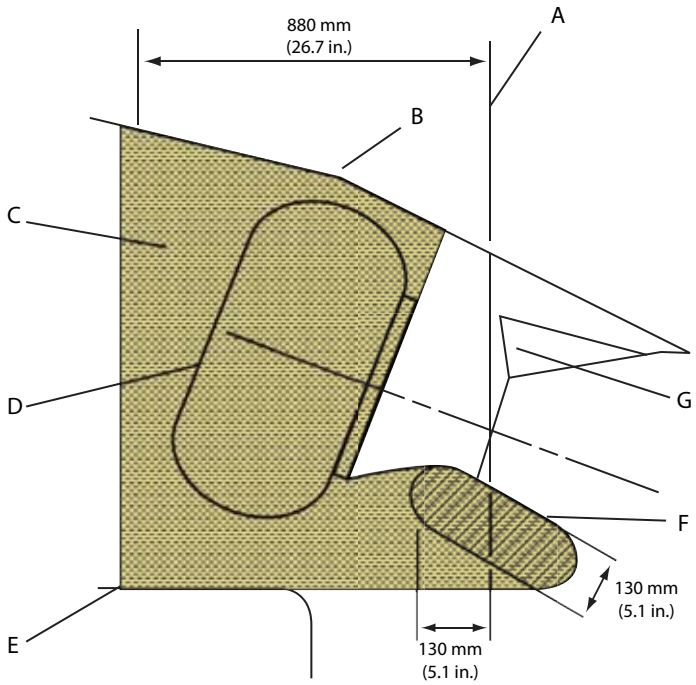


INSTRUMENT PANEL AND APPROXIMATE DEPLOYMENT AREA OF THE DRIVER AND FRONT PASSENGER AIR BAGS[1]
VIEW FROM TOP

A. Vehicle center-line
B. Driver center-line
C. Front of instrument panel at the windshield base
D. Driver door trim
E. Driver knee air bag
F. Instrument cluster
G. Rear-most instrument panel
H. Steering wheel
I. Driver air bag
J. Front passenger air bag
K. Glove box
L. Front passenger knee air bag
M. Front passenger door trim
N. Front passenger center-line
O. Radio stack

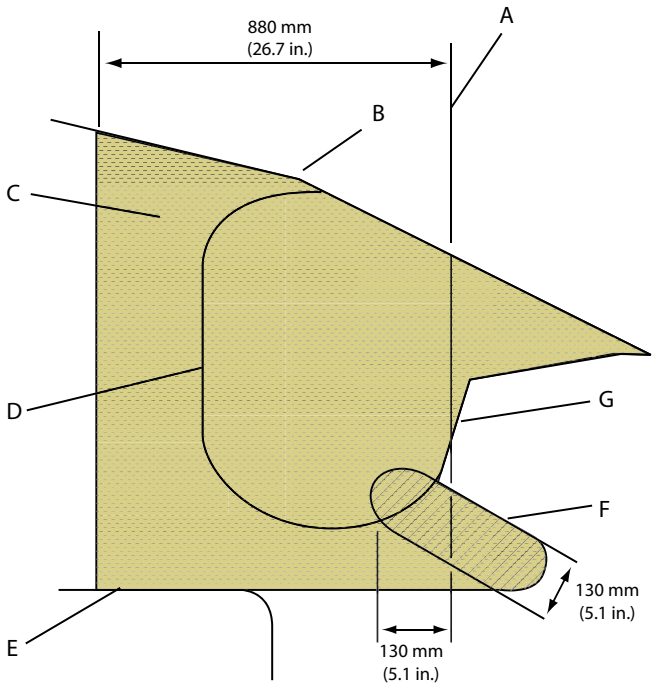
1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

NOTE: All dimensions are approximate and subject to change.



SIDE VIEW OF DRIVER STEERING WHEEL AIR BAG[1]
DEPLOYMENT ZONE – CENTER-LINE OF DRIVER
VIEW FROM RIGHT SIDE

A. Rear most instrument panel
B. Top of windshield
C. Driver air bag zone
D. Driver air bag
E. Driver seat
F. Driver knee air bag
G. Instrument cluster



SIDE VIEW OF FRONT SEAT PASSENGER AIR BAG[1]
DEPLOYMENT ZONE – CENTER-LINE OF PASSENGER
VIEW FROM RIGHT SIDE

A. Rear-most instrument panel
B. Top of windshield
C. Front passenger air bag zone
D. Front passenger air bag
E. Front passenger seat
F. Front passenger knee air bag
G. Glove box door

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

NOTE: All dimensions are approximate and subject to change.

GM offers Anti-Lock Brake Systems as standard or optional on all North American passenger vehicles and light truck lines. The computerized Anti-Lock Braking System (ABS) is designed to keep the vehicle's wheels rotating as the brakes are applied to assist the driver in achieving a controlled stop. Sensors monitor how fast the wheels rotate and feed the data continuously to the ABS computer. The vehicle's brakes slow each wheel as the brake pedal is applied. However, when ABS is activated due to road conditions, the system repeatedly releases and applies pressure to the brakes. The wheels can keep rolling, thus retaining steering ability and enhanced stability while providing a higher braking force on most surfaces than a locked wheel provides.

How exactly does ABS work?

In cars without ABS, hitting the brakes can cause the wheels to lock, leaving you unable to steer the vehicle until you decrease the pressure so the wheels can roll again. With an ABS, as you apply the brakes, the ABS computer monitors the wheel speed sensor information. If the computer senses that a wheel is approaching lock up, it sends a signal to the hydraulic modulator to reduce, then to reapply, brake pressure several times a second for as long as you maintain firm pressure on the brake pedal. The process is much like the threshold braking technique used with conventional brakes. However, ABS does it much faster and more accurately than any driver can, leaving you free to focus on steering away from obstacles.

Does ABS reduce stopping distances?

Yes, in braking situations where the wheels on a non-ABS equipped vehicle would lock up, ABS will generally provide shorter controlled stopping distance. The amount of improvement in stopping distance depends on many factors, including the road surface, severity of braking, initial vehicle speed, etc. On some surfaces, such as gravel roads, braking distances can be longer, but you will still have the control benefits of ABS. The important capability of ABS is control. ABS provides improved vehicle steerability and stability when braking.

What can affect the ABS advantage?

It is important that you follow the maintenance schedule recommended in the owner's manual of the vehicle, tires should be at their proper inflation level, the brake pads should be checked regularly, etc. While driving, you should sit comfortably, so that your hips are back in the seat and your knees are bent, even while braking. Your foot should be positioned so that your heel is on the floor and your toes are secure on the lower half of the pedal. And, though ABS may reduce stopping distance, remember: The faster you go, the longer it takes you to stop. Keeping a safe distance between you and the vehicle in front of you is always necessary, even with ABS.

What happens if ABS becomes inactive?

The ABS electronic control unit has on-board diagnostic capability. If a fault is detected, the vehicle will revert to the base brake system, and the ABS telltale on the dash will be illuminated. Should this happen, the vehicle should be taken to a dealership for repair as soon as possible.

How do I use ABS?

Depress and hold the pedal. DO NOT PUMP THE BRAKES (that prevents the system from working). Just hold the brake pedal down and let the ABS work for you. You may feel the brake pedal vibrate, or you may notice some noise, but this is normal as the system works for you.

Should I drive an ABS equipped vehicle differently than I would drive a vehicle with conventional brakes?

Most of the time, under normal driving circumstances, there is no difference, and you should always drive with the same caution and care. It is important to realize that ABS only makes a difference when it is activated—when you have to brake hard—and that would only be when the computer senses that a wheel is approaching lock up. When ABS activates, keep steady pressure on the brake pedal and then let the ABS work for you. Don't pump the brakes or try to find the threshold. Simply hold the brake pedal down and steer if necessary to avoid an obstacle.

Is ABS always active?

ABS is always available, but not always activated. ABS is activated only when the brake pedal is applied and the computer detects an impending wheel lock condition.

Can older cars be retrofitted with ABS?

No! The brake system is one of the most important features on any passenger vehicle.

Several products, which tap into the master cylinder and/or brake system performance, are being sold in the aftermarket. Some of these products imply performance similar to new vehicle anti-lock brake systems.

However, contrary to their claims, add-on systems, which deplete fluid from the master cylinder on brake apply may actually increase a vehicle's stopping distance. This may cause the vehicle to fail to comply with Federal brake standards.

Does ABS always activate at the same speed?

No, the system operates when the computer detects wheel lockup, at any speed above 8 mph.

Will ABS wear out a vehicle's brakes sooner?

A properly maintained brake system will be unaffected by ABS operation under typical driving conditions.

Are there different types of ABS?

Yes, there are rear wheel anti-lock systems (RWAL) used on some trucks and four-wheel ABS available on cars and trucks.

Do Federal Safety Standards mandate ABS?

No. Federal standards establish minimum braking performance requirements that all vehicles must meet, but do not specify how they should be met. It should be noted that even a vehicle with failed ABS meets the Federal safety standard for stopping distances.

Will a tire size change affect ABS?

Use of tires other than original equipment may affect ABS performance. Owners should consult and follow the recommendations contained in the vehicle owner's manual regarding replacement tire size. ***NOTE: ABS will work with original equipment spare tire or tire chains. However, performance is reduced.***

Do insurance companies give a discount for ABS?

Yes, many insurance companies give discounts that range from 5% to 10%. In the states of New York and Florida all insurance companies are required to give an ABS discount of 5% on certain coverages such as bodily injury, property damage, collision, and personal injury protection. In other states the discount varies from insurance company to insurance company. When buying auto insurance, always ask your insurance agent if his/her company gives a discount for vehicles equipped with anti-lock brakes.

IMPORTANT DRIVING SAFETY TIPS

A. **Always maintain a safe following distance.** ABS does not allow you to stop on a dime. (Generally a 2-second following distance is considered safe in ideal conditions.) Watch the vehicle in front of you pass a fixed marker (such as a sign). Count seconds—one-thousand-one, one-thousand-two-until your front bumper reaches the marker. If you do not count out two seconds, then you are too close to the vehicle in front of you. Also, if the roads are wet or icy, or visibility is poor, you should increase your following distance.

B. **Always drive carefully—** especially on slippery surfaces. ABS cannot create friction between the tires and the road surface, it can only give the driver the maximum advantage of the existing adhesion. If the vehicle is traveling on a surface with no adhesion, the best ABS in the world cannot provide a shorter stopping distance or good steering.

C. **It is a good idea to practice an ABS activated stop** and get the feel of the brake pedal. However, please make sure it's at a safe time with no obstacles in your path. And you only really need to try it once or twice to know what happens.

ELECTRONIC STABILITY CONTROL SYSTEMS (STABILITRAK)

StabiliTrak systems help drivers maintain control of their vehicles, especially during emergency lane changes or avoidance maneuvers. StabiliTrak uses various sensors, such as steering wheel angle, wheel speed, yaw velocity, etc., to detect any difference between the path requested by the steering wheel position and vehicle's actual path. When appropriate, the system selectively controls brakes, engine power, and even suspension settings to enhance control of the vehicle's direction and help keep it on course. Independent studies conducted by the National Highway Traffic Safety Administration, the Insurance Institute for Highway Safety, and others have found StabiliTrak to be highly effective in reducing vehicle crashes. General Motors offers StabiliTrak systems on many of its passenger car and light truck models.
See your owner's manual for additional information about the operation of StabiliTrak.

Q. How do I use StabiliTrak?
A. StabiliTrak operates independently of the driver. You should continue to drive your StabiliTrak equipped vehicle with caution and care. GM's StabiliTrak system, StabiliTrak, is designed to be as seamless as possible in operation, to be part of the overall vehicle response and to make a good vehicle better

Q. How does StabiliTrak work?
A. StabiliTrak has the ability to apply control forces to the vehicle independent of the driver. StabiliTrak uses sensors to continuously compare the path indicated by the steering wheel position to the vehicle's actual path. If a discrepancy is detected, StabiliTrak selectively controls vehicle brakes and engine torque to create a yaw moment that helps restore the vehicle's actual path to the path indicated by the steering wheel position. StabiliTrak has the ability to help correct both understeer (where the vehicle is not turning as much as the steering wheel position indicates) and oversteer (where the vehicle is turning more than the steering wheel position indicates). The illustration at right shows how selective braking at a particular wheel can create a compensating yaw moment to help restore the vehicle's actual path to the path indicated by the steering wheel position.

Q. Will a tire change affect StabiliTrak?
A. Use of tires other than original equipment may affect StabiliTrak performance. StabiliTrak is designed to make the best use of available traction. The performance characteristics of the original equipment tires are part of the overall system effectiveness. When you replace tires check the recommendations in your owner's manual. On GM vehicles, the original equipment tires have a "TPC" (Tire Performance Criteria) code on the sidewall. Replacing the tires with the same "TPC" code will help assure proper StabiliTrak performance.

CHEVROLET
POLICE
VEHICLES
GMFLEET.COM

CHEVROLET
POLICE
VEHICLES
GMFLEET.COM

Shown with aftermarket equipment

Shown with aftermarket equipment

UPDATES FOR 2014

NEW FEATURES

- CARRY OVER CONTENT WITH NEW NAME "IMPALA LIMITED"

DELETED

- VICTORY RED EXTERIOR PAINT (74U)

THIS VEHICLE HAS BEEN DESIGNED FOR POLICE WORK UP TO AND INCLUDING HIGH SPEED EMERGENCY VEHICLE OPERATIONS. GM RESTRICTS THE SALE OF POLICE VEHICLES AND THEY ARE NOT TO BE SOLD TO RETAIL CUSTOMERS.

SOME STANDARD EQUIPMENT MAY BE REPLACED BY SPECIAL EQUIPMENT WHEN THE POLICE PACKAGE 9C1 IS ORDERED

MODEL AVAILABILITY

1WS19	Front-wheel drive

STANDARD EQUIPMENT SUMMARY

WARRANTY	3 years / 36,000 mile bumper-to-bumper (whichever comes first, see dealer for details) 5 years / 100,000 mile limited powertrain (whichever comes first, see dealer for details)

INTERIOR FEATURES

AIR CONDITIONING	Single-zone manual, with air filtration and environmentally friendly refrigerant R134A
BLUETOOTH	Not available
CRUISE CONTROL	Electronic with set and resume speed
CUP HOLDER	Cup holder with storage tray between seats
DOME LAMPS	Auxiliary, interior, sustained illumination.
FLOOR COVERING	Carpeting front and rear (carpeted mats are available; see option B34 on page 9)
GLASS	Tinted windshield, backlight and side glass
GLOVE BOX	Non-locking without light
MIRRORS, VISOR	Visor, left hand and right hand with covered vanity mirrors
MIRROR, REARVIEW	Inside rearview is manual day night with driver and passenger map lamps
NAVIGATION SYSTEM	Not available
ONSTAR	Not available
RADIO	Electronically tuned AM/FM stereo with CD player, seek-scan, digital clock, auto-tone control, theftlock with integrated rear window antenna (radio delete is not available)
RESTRAINT SYSTEM	Safety belts, driver and front passenger with pretensioners, dual stage driver and passenger frontal air bags[1], passenger sensing system and frontal air bag[1] ON/OFF indicator, dual head curtain air bags[1] for front and rear outboard occupants and front seat back mounted thorax-pelvic air bags[1]
SEAT, FRONT	High density foam cloth bucket seats with seat back security panel, 6-way power driver and passenger seat adjusters (see page 4) and manual reclining seat backs. Driver seat has manual lumbar control. Front seat frames are strengthened for side impact resistance (see page 17)
SEAT, REAR	Vinyl bench with high density foam non-folding seat back (see page 4)
SMOKER'S PACKAGE	Not available
SPEEDOMETER/CLUSTER	140 mph certified analog speedometer, 5 mph increments with digital trip odometer and warning lamps. Driver Information Center includes 1 mph redundant digital speed display (see message center listing on page 15)
STEALTH MODE	See exterior lamps control on page 17 for operation description
STEERING WHEEL	Tilt-wheel with column mounted gear shift lever
THEFT DETERRENT SYSTEM	Vehicle PASS-Key® III+, content theft deterrent is disabled (to enable content theft deterrent option UA6 must be ordered)
TRUNK MAT	Heavy-duty (see page 17)
WARNING LAMPS	Brake, safety belt, air bag[1], anti-lock brake, check engine (see page 14 for additional information)
WARNING TONES	Key-in-ignition, driver door open, driver and passenger safety belt not buckled, headlamps on
WINDOW OPERATION	Power with driver express down, rear window lockout switch

ELECTRICAL FEATURES

AUXILIARY POWER, FRONT	100-amp ignition and main power supply wiring under lower right side of instrument panel (see wiring provisions for 12-volt battery power supply on page 16)
AUXILIARY POWER, TRUNK	100-amp auxiliary power outlet in trunk (see page 16)
GROUND STUD	Auxiliary, located in trunk (see page 16)
LOCK-OUT PROTECTION	Not available, driver door can be locked with the key in the ignition. Lock-out protection feature cannot be activated
POWER OUTLETS	Two 12 volt, 20 amp, located on lower center of instrument panel. Battery power is present at all times
WIRING DIAGRAMS	See pages 23 through 25 for description; also see Impala Police Package owner's manual supplement (located in glove box folder with standard owner's manual)
WIRING PROVISION, EXTERIOR LAMPS FLASHING	Forward lamp harness in-line connector for Exterior Lamp Flashing System (see option 6J7 on page 9)

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

EXTERIOR FEATURES

BODY PANELS	Two-sided galvanized steel for all exterior body panels (except roof where not needed)
BODY SIDE MOLDINGS	Optional (See option B86 on page 9)
DEFOGGER	Electric, rear window
DOOR LOCKS	Power non-programmable (automatic door locking and unlocking feature is disabled), child safety locks in rear doors. Driver door lock key cylinder only; key lock cylinder is not available in the front passenger door
HEADLAMPS	Dual halogen composite, includes flash-to-pass feature and automatic lamps control with daytime running lamps (to delete automatic control, see option 9G8 on page 9 and exterior lamps control on page 17)
HORNS	Dual note
KEYLESS ENTRY	Includes two transmitters with non-functional panic button; the keyless entry system used on the police Impala includes a stealth mode feature. When the "unlock" or "lock" button is depressed, no exterior lamps or audible sounds are activated; however, the interior OEM dome lamp will illuminate unless option 7Y6 lamps, Inoperative Dome and Courtesy Lamps is ordered; during remote start feature, running lamps will remain illuminated (additional transmitters are available; see option AMF on page 9)
KEYS	Two-sided, random code, for ignition, driver door and trunk only; single key locking system to operate entire fleet is available (fleet coded single key is available; see 6E2 and 6E8 option on page 9)
LICENSE PLATE	Mounting hardware located in glove box; front bracket standard in states requiring front license plates; others must order option VK3
MIRRORS, REARVIEW	Body color, electric Left hand and right hand remote (heated mirrors are available; see option DK2 on page 9)
PAINT	Base coat/clear coat
TRUNK LAMP	Standard
TRUNK RELEASE	Electric, ignition controlled, button located on left side of instrument panel, (ignition control release is available; see option A98 on page 9)
UNDER HOOD LAMP	Not available
WINDSHIELD WIPERS	Intermittent, anti-lift with washer

CHASSIS FEATURES

ALTERNATOR	170-amp with idle boost (transmission in PARK or NEUTRAL) controlled by battery energy level sensing
BATTERY	720 CCA 70-amp hour with battery rundown protection (does not protect customer installed equipment)
BODY	Body frame intergal (unibody) Heavy-duty reinforced body components
BRAKES	4-wheel anti-lock disc brakes with police calibration and heavy-duty front brake pads
COOLING	Heavy-duty (high capacity) with 225-watt fans and extended life coolant; coolant hoses are EPDM (ethylene-propylene-diene monomer) rubber; silicone hoses are not required (coolant is DEX-COOL good for 5 years/150,000 miles, protects from -34° F to +265° F and against rust and corrosion) (see also page 17)
CHASSIS LUBRICATION	Lubed-for-life chassis
ENGINE	3.6L V6 DOHC SIDI (spark ignited direct injection) engine with with Variable Valve Timing (VVT) with FlexFuel2 (gas or E85 ethanol); includes wide open throttle air conditioning cut off (when overhead lamps, spotlamps, radio antennas, sirens, and other emergency equipment are installed, overall performance may be reduced)
EXHAUST SYSTEM	Stainless steel, single with dual outlets
FUEL TANK CAPACITY	17 gallon (64 liters)
OIL COOLERS	Engine, transmission and power steering oil coolers: external air-to-oil (see page 17)
RADIO SUPPRESSION	Extended life - iridium tip spark plugs and wires that are designed to reduce radio frequency noise levels which may affect communications equipment including operating frequencies in the 38-MHz to 58-MHz range. The Impala is designed with unibody construction, and multiple grounding points are provided for the vehicle electrical system. No additional ground straps are added for the Police Package
STABILITRAK	Stability enhancement system. An advanced computer controlled system that assists the driver with directional control of the vehicle in difficult driving conditions. Each time the vehicle is started, the StabiliTrak system is fully on. StabliliTrak can be controlled by a StabiliTrak button on the instrument panel located below the dimmer control on the headlamp switch (see page 17). The condition of the system is displayed by an instrument panel StabiliTrak indicator light and Driver Information Center (DIC) Messages. Push once, Performance Mode is active and Traction Control is off, push and hold five seconds Traction Control and StabiliTrak are off, push again and Traction Control and StabiliTrak are turned back on
STARTER INTERRUPT	Prevents starter from engaging while the engine is running
STEERING	Power, rack and pinion
STRUTS, FRONT	Heavy-duty
SUSPENSION	4-wheel independent, firm ride and handling with increased ride height springs, heavy-duty front and rear stabilizer bars
TIRES	Goodyear P235/55R17 SBR blackwall, "W" rated with compact spare (full-size spare is available; see option RUF on page 9)
TIRE PRESSURE MONITOR	CHECK TIRE PRESSURE will show on driver message center (see page 17 for description)
TRACTION CONTROL	Deactivated when Police Performance Mode is engaged
TRANSMISSION	6-speed automatic, electronically-controlled transmission provides protection against over-revving the engine in low gear and a mechanical low gear blockout is not required; if a driver manually selects low gear and fails to manually upshift to high gear, the powertrain control module automatically protects the drivetrain. It can be manually shifted up and down with buttons located on steering wheel
WHEELS	17" x 7.5" heavy-duty steel
WHEEL CENTER CAP	Chrome bolt-on metal

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.

POWERTRAIN

ENGINE				TRANSMISSION		AXLE	
OPTION CODE	TYPE	DISPLACEMENT LITERS/CU. IN.	FUEL SYSTEM	OPTION CODE	TYPE	OPTION CODE	RATIO
LFX	V6	3.6/217	FlexFuel[2] (gas or E85 ethanol)	MX0	6T70 6-speed auto. with OD	F71	2.44

EMISSIONS - MUST BE SPECIFIED

FE9	FEDERAL EMISSIONS. Use for ordering vehicles that will be registered in all states except California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State
YF5	CALIFORNIA EMISSIONS. Use for ordering vehicles that will be registered in California.
NE1	CT/ME/MD/MA/NJ/NY/OR/PA/RI/VT/WA EMISSIONS. Use for ordering vehicles that will be registered in Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont or Washington State
NB8	Required when option code FE9 "Federal emissions" is ordered for delivery to a dealer located in California, Connecticut, Delaware, Massachusetts, Maryland, New Jersey, New York, Oregon, Pennsylvania, Rhode Island and Washington State for a purchaser who will be registering the vehicle outside California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State.
NC7	Required when option code YF5 "CALIFORNIA EMISSIONS" or option code NE1 "CT/DE/ME/MD/MA/NJ/NM/NY/OR/PA/RI/VT/WA EMISSIONS" is ordered for delivery to a dealer located in any state except California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington for a purchaser who will be registering the vehicle in one of these states or sold as permitted below under "EPA Policy on the Sale of California Emission Vehicles"
NB9	Required when option code YF5 is ordered for delivery to a dealer located in Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington. Required when option code NE1 is ordered for delivery to a dealer located in California.

NOTE: The 2014 Chevrolet Impala Police Patrol Vehicle with the 3.6L Engine (LFX) with Emission Option Codes FE9, NE1, and YF5 is certified to EPA Tier 2 Bin 4 standards and qualifies as ULEV (Ultra Low Emission Vehicle) under California Air Resources Board (CARB) requirements, meaning it is 50-state certified.
Emission Standard: BIN4
EPA engine family or test group: EGMXJ03.6166

TIRES - SPEED RATED

MANUFACTURER	QUANTITY	SIZE	SPEED RATING	TYPE
Goodyear	Four	P235/55R17 SBR blackwall	W	All Season BW

NOTE: ***• Compact spare is standard (full-size spare is available see option RUF on page 9)***
• Due to specific requirements for performance, durability and safety, gm recommends only the original equipment tire for replacement
• Tire Plys = Tread: 2 Polyester, 2 Steel, 1 Nylon Sidewall: 2 Polyster Total 7 Ply
• Do not use tire chains - See your Owner's Manual for more information.

SEATS AND INTERIOR TRIM

		SEAT OPTIONS	EBONY
STANDARD	Front: Cloth buckets (power driver and passenger) Rear: Vinyl bench (non-folding seat back)	AR9	19G
OPTIONAL	Front: Cloth buckets (power driver and passenger) Rear: Cloth bench (non-folding seat back)	AR9	19E

AVAILABLE EXTERIOR COLORS

Silver Ice Metallic

Black

Summit White

Ashen Gray Metallic

NOTE: For special paint and paint schemes see page 12 through 14

Actual colors may vary

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.

Shown with optional rear spoiler

UPDATES FOR 2014

NEW FEATURES

- CARRY OVER

DELETED

- VICTORY RED EXTERIOR PAINT (74U)

IMPALA LIMITED UNDERCOVER POLICE PKG 9C3

THIS VEHICLE HAS BEEN DESIGNED FOR POLICE WORK UP TO AND INCLUDING HIGH SPEED EMERGENCY VEHICLE OPERATIONS. GM RESTRICTS THE SALE OF POLICE VEHICLES AND THEY ARE NOT TO BE SOLD TO RETAIL CUSTOMERS.

SOME STANDARD EQUIPMENT MAY BE REPLACED BY SPECIAL EQUIPMENT WHEN THE POLICE PACKAGE 9C1 IS ORDERED

MODEL AVAILABILITY

1WS19	Front-wheel drive

STANDARD EQUIPMENT SUMMARY

WARRANTY	3 years / 36,000 mile bumper-to-bumper (whichever comes first, see dealer for details) 5 years / 100,000 mile limited powertrain (whichever comes first, see dealer for details)

INTERIOR FEATURES

AIR CONDITIONING	Single-zone manual, with air filtration and environmentally friendly refrigerant R134A
BLUETOOTH	Not available
CRUISE CONTROL	Electronic with set and resume speed
FLOOR COVERING	Carpeting front and rear (carpeted mats are available; see option B34 on page 9)
DOME LAMPS	Auxiliary, interior, sustained illumination
GLASS	Tinted, windshield, backlight and side glass
GLOVE BOX	Non-locking without light
MIRRORS, VISOR	Visor, left hand and right hand with covered vanity mirrors
MIRROR, REARVIEW	Inside rearview is manual day night with driver and passenger map lamps
NAVIGATION SYSTEM	Not available
ONSTAR	Not available
RADIO	Electronically tuned AM/FM stereo with CD player, seek-scan, digital clock, auto-tone control, theftlock with integrated rear window antenna (radio delete is not available)
RESTRAINT SYSTEM	Safety belts, driver and front passenger with pretensioners, dual stage driver and passenger frontal air bags[1], passenger sensing system and frontal air bag[1] ON/OFF indicator, dual head curtain air bags[1] for front and rear outboard occupants and front seat back mounted thorax-pelvic air bags[1]
SEAT, FRONT	40/20/40 splint-bench cloth seat with folding arm rest and cup holder, 6-way power driver seat with recliner and manual lumbar, 6-way power passenger seat with manual reclining seat back and strengthened front seat frames for side impact resistance (see page 17)
SEAT, REAR	Cloth bench with high density foam non-folding seat back (see page 8)
SMOKER'S PACKAGE	Not available
SPEEDOMETER/CLUSTER	140 mph certified analog speedometer, 5 mph increments with digital trip odometer and warning lamps. Driver Information Center includes 1 mph redundant digital speed display (see message center listing on page 15)
STEALTH MODE	See exterior lamps control on page 17 for operation description
STEERING WHEEL	Tilt-wheel with column mounted gear shift lever
THEFT DETERRENT SYSTEM	Vehicle PASS-Key® III+, content theft deterrent is disabled (to enable content theft deterrent option UA6 must be ordered)
TRUNK MAT	Heavy-duty (see page 17)
WARNING LAMPS	Brake, safety belt, air bag[1], anti-lock brake and check engine (see page 15 for additional information)
WARNING TONES	Key-in-ignition, driver door open, driver and passenger safety belt not buckled, headlamps on
WINDOW OPERATION	Power with driver express down, rear window lockout switch

ELECTRICAL FEATURES

AUXILIARY POWER, FRONT	100-amp ignition and main power supply wiring under lower right side of instrument panel (see wiring provisions for 12-volt battery power supply on page 16)
AUXILIARY POWER, TRUNK	100-amp auxiliary power outlet in trunk (see page 16)
GROUND STUD	Auxiliary, located in trunk (see page 16)
LOCK-OUT PROTECTION	Not available, driver door can be locked with the key in the ignition. Lock-out protection feature cannot be activated
POWER OUTLETS	Two 12 volt, 20 amp, located on lower center of instrument panel. Battery power is present at all times
WIRING DIAGRAMS	See pages 23 through 25 for description; also see Impala Police Package owner's manual supplement (located in glove box folder with standard owner's manual)
WIRING PROVISION, EXTERIOR LAMPS FLASHING	Forward lamp harness in-line connector for Exterior Lamp Flashing System (see option 6J7 on page 9)

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

EXTERIOR FEATURES

BODY PANELS	Two-sided galvanized steel for all exterior body panels (except roof where it is not needed)
BODY SIDE MOLDINGS	Optional (See option B86 on page 9)
DEFOGGER	Electric, rear window
DOOR LOCKS	Power non-programmable (automatic door locking and unlocking feature is disabled), child safety locks in rear doors. Driver door lock key cylinder only; key lock cylinder is not available in the front passenger door
HEADLAMPS	Dual halogen composite, includes flash-to-pass feature and automatic lamp control with daytime running lamps (to delete automatic control, see option 9G8 on page 9 and exterior lamps control on page 17)
HORNS	Dual note
KEYLESS ENTRY	Includes two transmitters with non-functional panic button; the keyless entry system used on the police Impala includes a stealth mode feature. When the "unlock" or "lock" button is depressed, no exterior lamps or audible sounds are activated; however, the interior OEM dome lamp will illuminate unless option 7Y6 lamps, Inoperative Dome and Courtesy Lamps is ordered; during remote start feature, running lamps will remain illuminated (additional transmitters are available; see option AMF on page 9)
KEYS	Two-sided, random code, for ignition, driver door and trunk only; single key locking system to operate entire fleet is available (fleet coded single key is available; see option 6E2 and 6E8 on page 9)
LICENSE PLATE	Mounting hardware located in glove box; front bracket standard in states requiring front license plates; others must order option VK3
MIRRORS, REARVIEW	Body color, electric left hand and right hand remote (heater mirrors are available; see option DK2 on page 9)
PAINT	Base coat/clear coat
TRUNK LAMP	Standard
TRUNK RELEASE	Electric (not ignition controlled), button located on instrument panel, left of steering column; manual inside trunk safety release (ignition control is available; see option A98 on page 9)
UNDER HOOD LAMP	Not available
WINDSHIELD WIPERS	Intermittent, anti-lift with washer

CHASSIS FEATURES

ALTERNATOR	170-amp with idle boost (transmission in PARK or NEUTRAL) controlled by battery energy level sensing
BATTERY	720 CCA 70-amp hour with battery rundown protection (does not protect customer installed equipment)
BODY	Body frame inergal (unibody) Heavy-duty reinforced body components
BRAKES	Power 4-wheel anti-lock disc brakes with police calibration and heavy-duty front brake pads
COOLING	Heavy-duty (high capacity) with 225-watt fans and extended life coolant; coolant hoses are EPDM (ethylene-propylene-diene monomer) rubber; silicone hoses are not required (coolant is DEX-COOL good for 5 years/150,000 miles, protects from -34° F to +265° F and against rust and corrosion) (see also page 17)
CHASSIS LUBRICATION	Lubed-for-life chassis
ENGINE	3.6L V6 DOHC SIDI (spark ignited direct injection) engine with with Variable Valve Timing (VVT) with FlexFuel[2] (gas or E85 ethanol); includes wide open throttle air conditioning cut off (when overhead lamps, spotlamps, radio antennas, sirens, and other emergency equipment are installed, overall performance may be reduced)
EXHAUST SYSTEM	Stainless steel, single with dual outlets
FUEL TANK CAPACITY	17 gallon (64 liters)
OIL COOLERS	Engine, transmission and power steering oil coolers: external air-to-oil (see page 17)
RADIO SUPPRESSION	Extended life - iridium tip spark plugs and wires that are designed to reduce radio frequency noise levels which may affect communications equipment including operating frequencies in the 38-MHz to 58-MHz range. The Impala is designed with unibody construction, and multiple grounding points are provided for the vehicle electrical system. No additional ground straps are added for the Police Package
STABILITRAK	Stability enhancement system. An advanced computer controlled system that assists the driver with directional control of the vehicle in difficult driving conditions. Each time the vehicle is started, the StabiliTrak system is fully on. StabliliTrak can be controlled by a StabiliTrak button on the instrument panel located below the dimmer control on the headlamp switch (see page 17). The condition of the system is displayed by an instrument panel StabiliTrak indicator light and Driver Information Center (DIC) Messages. Push once, Performance Mode is active and Traction Control is off, push and hold five seconds Traction Control and StabiliTrak are off, push again and Traction Control and StabiliTrak are turned back on
STARTER INTERRUPT	Prevents starter from engaging while the engine is running
STEERING	Power, rack and pinion
STRUTS, FRONT	Heavy-duty
SUSPENSION	4-wheel independent, firm ride and handling with increased ride height springs, heavy-duty front and rear stabilizer bars
TIRES	Goodyear P235/55R17 SBR blackwall, "W" rated with compact spare (full-size spare is available; see option RUF on page 9)
TIRE PRESSURE MONITOR	CHECK TIRE PRESSURE will show on driver message center (see page 17 for description)
TRACTION CONTROL	Deactivated when Police Performance Mode is engaged
TRANSMISSION	6-speed automatic, electronically-controlled transmission provides protection against over-revving the engine in low gear and a mechanical low gear blockout is not required; if a driver manually selects low gear and fails to manually upshift to high gear, the powertrain control module automatically protects the drivetrain. It can be manually shifted up and down with buttons located on steering wheel
WHEELS	17" x 7.5" heavy-duty steel
WHEEL COVERS	Full-size plastic wheel covers

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.

POWERTRAIN

ENGINE				TRANSMISSION		AXLE	
OPTION CODE	TYPE	DISPLACEMENT LITERS/CU. IN.	FUEL SYSTEM	OPTION CODE	TYPE	OPTION CODE	RATIO
LFX	V6	3.6/217	FlexFuel[2] (gas or E85 ethanol)	MX0	6T70 6-speed auto. with OD	F71	2.44

EMISSIONS - MUST BE SPECIFIED

FE9	FEDERAL EMISSIONS. Use for ordering vehicles that will be registered in all states except California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State
YF5	CALIFORNIA EMISSIONS. Use for ordering vehicles that will be registered in California.
NE1	CT/ME/MD/MA/NJ/NY/OR/PA/RI/VT/WA EMISSIONS. Use for ordering vehicles that will be registered in Connecticut, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont or Washington State
NB8	Required when option code FE9 "Federal emissions" is ordered for delivery to a dealer located in California, Connecticut, Massachusetts, Maryland, New Jersey, New York, Oregon, Pennsylvania, Rhode Island and Washington State for a purchaser who will be registering the vehicle outside California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State.
NC7	Required when option code YF5 "CALIFORNIA EMISSIONS" or option code NE1 "CT/ME/MD/MA/NJ/NM/NY/OR/PA/RI/VT/WA EMISSIONS" is ordered for delivery to a dealer located in any state except California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington for a purchaser who will be registering the vehicle in one of these states or sold as permitted below under "EPA Policy on the Sale of California Emission Vehicles"
NB9	Required when option code YF5 is ordered for delivery to a dealer located in Connecticut, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington. Required when option code NE1 is ordered for delivery to a dealer located in California.

NOTE: The 2013 Chevrolet Impala Police Patrol Vehicle with the 3.6L Engine (LFX) with Emission Option Codes FE9, NE1, and YF5 is certified to EPA Tier 2 Bin 4 standards and qualifies as ULEV (Ultra Low Emission Vehicle) under California Air Resources Board (CARB) requirements, meaning it is 50-state certified.
Emission Standard: BIN4
EPA engine family or test group: DGMXJ03.6166

TIRES - SPEED RATED

MANUFACTURER	QUANTITY	SIZE	SPEED RATING	TYPE
Goodyear	4	P235/55R17 SBR blackwall	W	All Season BW

NOTE: *• Compact spare is standard (full-size spare is available see option RUF on page 9)*
• Due to specific requirements for performance, durability and safety, gm recommends only the original equipment tire for replacement
• Tire Plys = Tread: 2 Polyester, 2 Steel, 1 Nylon Sidewall: 2 Polyster Total 7 Ply
• Do not use tire chains - See your Owner's Manual for more information.

SEATS AND INTERIOR TRIM

		SEAT OPTIONS	EBONY
STANDARD	Front Cloth 40/20/40 split-bench Rear: Cloth full bench (non-folding seat back)	AN3	19C

AVAILABLE EXTERIOR COLORS

Silver Ice Metallic

Black

Summit White

Ashen Gray Metallic

NOTE: For special paint and paint schemes see page 12 through 14

Actual colors may vary

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.

B86	**BODY SIDE MOLDINGS** - Body-color (installed on all 4 doors)
UA6	**CONTENT THEFT DETERRENT ALARM SYSTEM** - Requires AP3 remote start, unauthorized entry sounds horn and lamps flash
9G8	**DELETE DAYTIME RUNNING LAMPS AND AUTOMATIC HEADLAMPS** - Exterior lamps are operated manually (see page 17)
6J7	**FLASHER SYSTEM, HEADLAMPS AND TAIL LAMPS** - DRL compatible, headlamp flasher module with control wire and body control module rear lamp flashing (see page 19 for description)
6A3	**FLOOR COVERING** - Heavy-duty vinyl replaces production carpeting; carpeted mats not available (see page 22 for description)
K05	**HEATER** - Engine block
6B7	**HOLE IN ROOF** - On center line requires 6F5 wiring (not available with 6J5 hole) (see page 20 for description)
6J5	**HOLE IN ROOF** - On passenger side requires 6F5 wiring (not available with 6B7 hole) (see page 20 for description)
AMF	**KEYLESS ENTRY TRANSMITTERS** - Fleet Package includes 6 additional transmitters. Transmitters are not programmed. Each transmitter, including the two standard with the vehicle, must be programmed together by a dealer at customer expense. Transmitter programming is not a warranty item. See you owner's manual supplement for programming information. (see also page 20 for customer programming of transmitters using the vehicles Driver Information Center procedure) NOTE: Vehicle specific, common fleet transmitter frequency not available
6E2	**KEY COMMON** - Complete vehicle fleet, provides a single key with a specific code that is common to the door locks and ignition of all the vehicles in the vehicle fleet; key code is an alternate to SEO 6E8 key common, complete vehicle fleet; not compatible with 2005 and earlier Impalas, 2006 and earlier Tahoes and 2011 Caprice
6E8	**KEY COMMON** - Complete vehicle fleet, provides a single key with a specific code that is common to the door locks and ignition of all the vehicles in the vehicle fleet; key code is an alternate to SEO 6E2 key common, complete vehicle fleet; not compatible with 2005 and earlier Impalas and 2006 and earlier Tahoes and 2011 Caprice
6C7	**LAMP** - Red and white front auxiliary dome, separately switched (see page 18 for description)
7Y6	**LAMP** - Inoperative Dome and Courtesy Lamps (see page 18 for description)
6J6	**LAMPS** - Rear window auxiliary stop/turn signals (see page 19 for description)
T53	**LAMPS** - Alternate flashing trunk lid warning (see page 19 for description)
VK3	**LICENSE PLATE BRACKET** - Front (bracket standard for states requiring front license plate)
B34	**MATS** - Carpeted front and rear (not available with 6A3)
DK2	**MIRRORS** - Heated outside rearview, power, body color
6N6	**REAR DOOR LOCKS INOPERATIVE** - Rear power locks are inoperable at rear doors but operate form drivers position (see page 22 for description)
6B2	**REAR DOOR HANDLES INOPERATIVE** - Doors can be opened only from outside (see page 22 for description)
6N5	**REAR WINDOW SWITCHES INOPERATIVE** - Rear door windows only operate from driver's position (see page 22 for description)
D81	**REAR SPOILER**
AP3	**REMOTE VEHICLE STARTER SYSTEM** - Includes remote keyless entry (required with option UA6)
7X6	**SPOTLAMP** - Left hand, separately fused (see page 20 for description)
7X7	**SPOTLAMPS** - Left and right hand, separately fused (see page 20 for description)
7X8	**SPOTLAMP PROVISION** - Left hand (see page 20 for description)
7X9	**SPOTLAMP PROVISION** - Left and right hand (see page 20 for description)
RUF	**TIRE, SPARE** - Full-size, includes non-programed Tire Pressure Monitor (see page 18 for description)
A98	**TRUNK RELEASE** - Ignition controlled
6C8	**WIRING** - Coaxial radio antenna cable - RG58 roof to trunk (see page 18)
WX7	**WIRING** - For customer connection to front door and windshield pillar speakers. Speakers are not connected to the vehicle radio; radio audio signals are routed to the rear speakers (see page 21 for description)
6J3	**WIRING** - For grille lamps and speaker (see page 21 for description)
6J4	**WIRING** - For horn/siren circuit, in-line connection for customer furnished switch (see page 21 for description)
6F5	**WIRING** - Roof wires, requires 6B7 or 6J5 hole in roof, 2 number 10 AWG wires only (see page 20 for description)

For standard and optional illustrations, see pages 15 through 22.

Note: Factory installation of spotlamps and spotlamp provisions are recommended. Field installation of spotlamps must not interfere with proper deployment of the roof rail airbag in the event of a crash

NOTE: Ship-through charge is included as part of base MSRP.

GENERAL

Model	1WS19
Drive	2-wheel front

EXTERIOR (in./mm)

Wheelbase	110.5/2807
Overall length	200.4/5090
Overall width	72.9/1852
Overall height*	58.7/1491
Front track width	62.4/1585
Rear track width	61.5/1562
Turning diameter curb to curb (ft./m)	38.0/11.6
Ground clearance* (lower control arm bolt)	6.46/164

FRONT COMPARTMENT (in./mm)

Head room	39.4/1001
Shoulder room	58.7/1491
Hip room	56.4/1433
Leg room	42.3/1074

REAR COMPARTMENT (in./mm)

Head room	37.8/960
Shoulder room	58.6/1488
Hip room	57.2/1453
Leg room	37.6/955

LUGGAGE COMPARTMENT CAPACITY (cu. ft./liters)

Luggage capacity[3] (with space saver)	18.6/526
EPA passenger compartment volume index[3]	104.8/2968

FUEL ECONOMY RATINGS — CITY/HIGHWAY/COMBINED

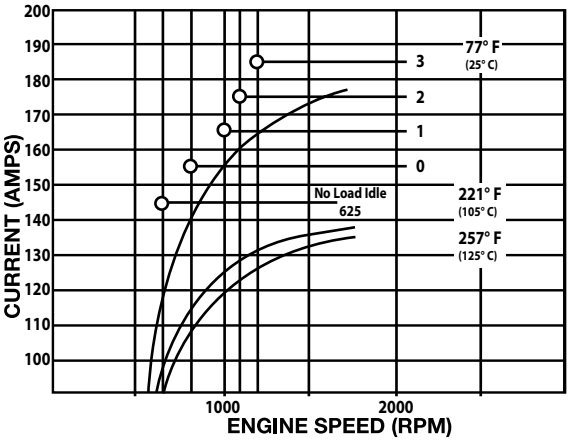
3.6L engine[4]	17/28/21

EPA label values, actual mileage will vary with options, driving conditions, driving habits and vehicle condition.

ALTERNATOR

Type		SC3
Amps	77ºF (25ºC)	170

KW7 IMPALA POLICE ALTERNATOR OUTPUT



Boost Level	Park/Neutral	Drive
0	800	800
1	1000	800
2	1100	800
3	1200	800

3. Cargo and load capacity limited by weight and distribution.
4. EPA-estimated MPG.
5. Gross Vehicle Weight Rating (GVWR). When properly equipped, includes vehicle, passengers, cargo and equipment.
6. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.
10. Curb weight in operational status with 100% fuel, fluids and standard base equipment (excludes optional content)

* Published dimensions indicated are at curb weight

ENGINE

Type	V6
Displacement: liters/cu. in.	3.6/217
Horsepower/rpm	302/6800
Torque lb.-ft./rpm	262/5300
Induction system	SIDI
Compression ratio	11.5:1
Exhaust	Single with dual outlets
Minimum recommended fuel octane	87
Fuel tank capacity (gallons/liters)	17.5/66.2
Oil with filter (quarts/liters)	4.0/3.8
Cooling capacity (quarts/liters)	10.6/10.0

TRANSMISSION

Automatic, electronically-controlled with overdrive	6-speed
Fluid pan removed & filter replaced (quarts/liters)	7.4/7.0

AXLE

Ratio	2.44

BRAKES

ABS with vacuum boost	Disc/Disc
Front - swept area (sq. in./sq. cm)	246.3/1589.6
Rear - swept area (sq. in./sq. cm)	175.8/1134
Total front and rear swept area (sq. in./sq. cm)	422.1/65.5
Front rotor diameter (in./mm)	12.7/323
Rear rotor diameter (in./mm)	10.9/277
Front rotor thickness (in./mm)	1.2/30
Rear rotor thickness (in./mm)	.5/14

TIRES

Type	All Season W-speed rated
Size	P235/55R17

WHEELS

Type	Steel
Size	17" x 7.5"

CHASSIS

Frame	Unitized body
Engine cradle	Aluminum
Front suspension	Independent MacPherson Strut, coil spring over strut and stabilizer bar
Rear suspension	Independent Tri-Link MacPherson Strut, coil spring over strut and stabilizer bar
Steering type	Power rack and pinion
Steering ratio (center)	14.1:1

BATTERY

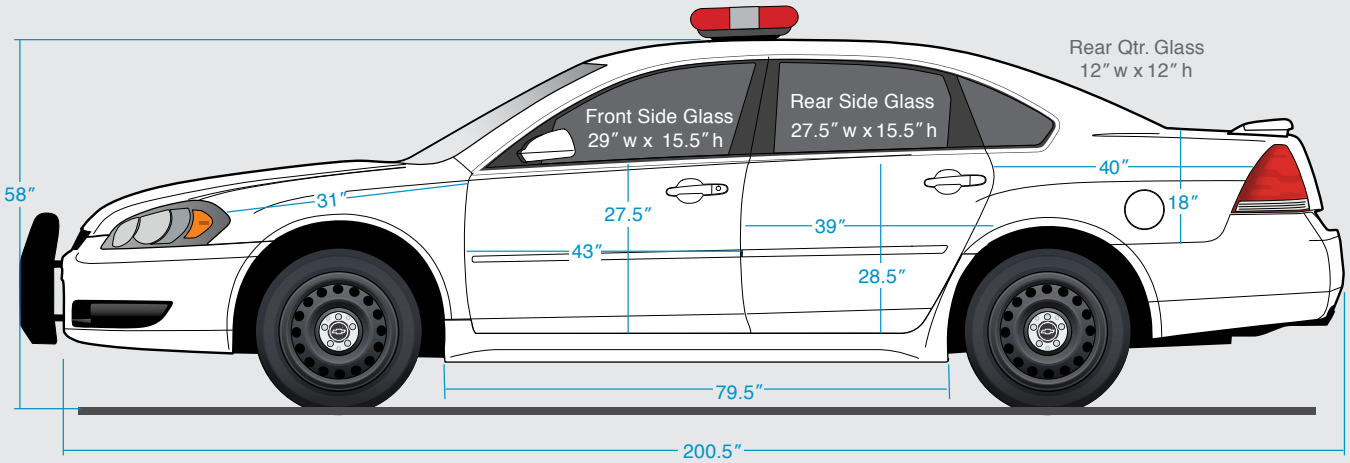
Type	Maintenance free
BCI group size	34
Volts	12
Amp hour rating	70
Cold cranking-amps @ 0°F (-18°C)	720
Reserve capacity @ 80°F (27°C)	125 minutes

VEHICLE WEIGHT (lbs./kg.)

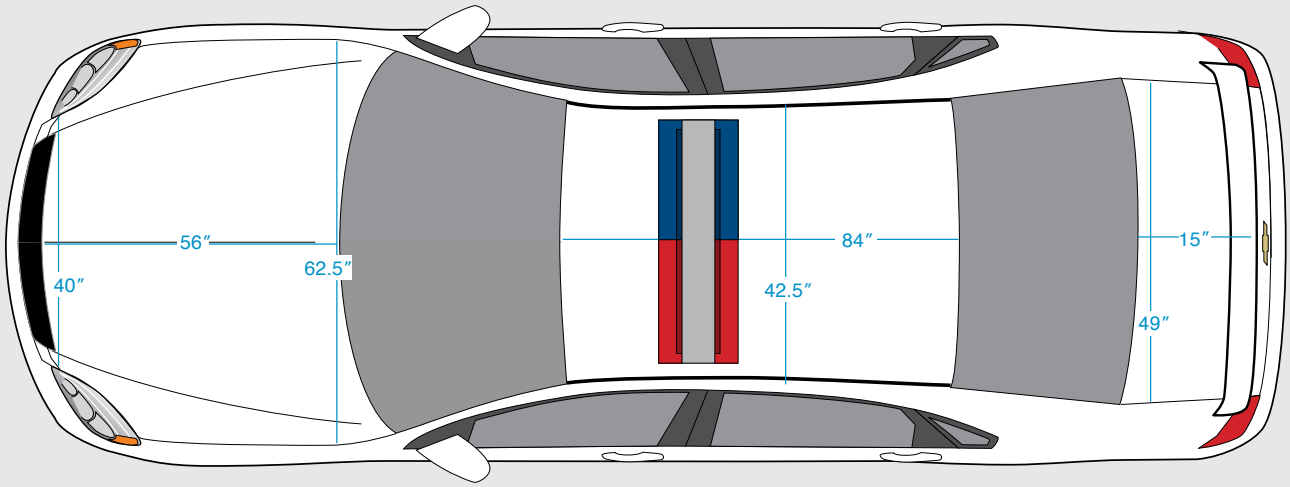
	9C1	9C3
GVWR[5]	4938/2240	4938/2240
Curb weight[10]	3736/1695	3743/1698
Payload[6] (includes 5 passengers and space saver spare tire)	1140/517	1173/532

NOTE: See your vehicle tire and loading information label for specific weight values. See your owner's manual supplement for proper cargo loading distribution

IMPALA POLICE PACKAGE

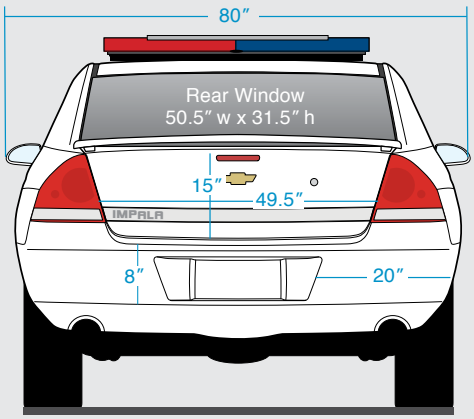


Shown with optional body side moldings and rear spoiler



Estimated material sizes to wrap:

- Hood – 60″ x 65″
- Front Doors – 46″ x 30″
- Rear Doors – 43″ x 32″
- Roof – 87″ x 48″
- Trunk Lid – 36″ x 53″



**Optional rear spoiler and bodyside moldings shown*

To accommodate customers who require special painted vehicles, orders will be sent to Kerr Industries who will special paint the cars once they are built. Please note: **this ordering process is substantially different from the way special paint is ordered on other vehicle lines and requires an additional charge. See your local dealer for current pricing**.

It is recommended that the customer review the first vehicle painted when special paint is ordered, however it is not mandatory. If the customer chooses not to review a pilot vehicle, Kerr Industries will require sign off by the customer before the vehicle will be released.

Customer and dealer costs associated with accommodations and travel for in person review of special paint are the responsibility of the dealer.

TO ORDER SPECIAL PAINT

- RPO White 50U or RPO Black 41U must be ordered
- The 4-digit special paint code in paint code 1/paint code 2 fields will be replaced by options denoting code 1 and code 2 colors
- Paint scheme codes will be replaced by options
- Solid color option is AAS
- 2-tone color option is AAT
- When special paint schemes are ordered only class A surfaces will be painted; mirrors and handles are NOT painted. For additional costs to have the handles and mirrors painted please contact Kerr Industries at 905-725-6561.
- It is recommended that all vehicles be ordered in Black 41U before special paint is applied.
- For paint colors not listed in this brochure please contact Kerr Industries directly at 905-725-6561

Example for Ordering Special Paint:

If a dealer wants a Silver and Blue car with scheme W002, order 50U or 41U (White or Black RPO paint), options

BEP (code 1 Blue), BFR (code 2 Silver), 1PB (paint scheme W002) and AAT (2-tone paint)

SPECIAL PAINT WARRANTY

- Warranty claims for special paints must be directed to Kerr Industries at 905-725-6561

AFTER YOU HAVE ORDERED SPECIAL PAINT

- After the vehicles have been ordered for special paint, Kerr Industries will contact the dealer directly regarding colors and verification of the scheme. Once verified a special paint build sheet will be sent to the dealer for final confirmation. This sheet will need to be signed by the dealer and returned to Kerr Industries before painting will commence.

NOTE: The attached list of paint options contain the same WA numbers in the code 1 and code 2 columns. It is extremely important that the dealer order the correct code 1 and code 2 options so the upfitter knows how to paint the vehicles.

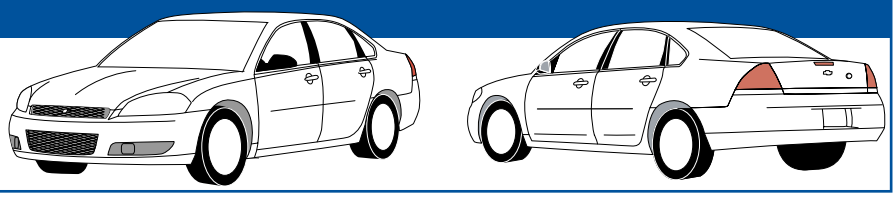
NOTE: For paint colors not listed please contact Kerr Industries directly at 905-725-6561

			OPTIONS	
WA#	COLOR DESCRIPTION		CODE 1	CODE 2
121A	Adriatic Blue		BEA	BFE
311B	Olive		BEB	BFF
5120	Blue		BEQ	BFU
5236	Neutral		BEC	BFG
5322	Driftwood		BER	BFV
5665	Blue		BED	BFH
5749	Gold		BES	BFW
5845	Beige		BEE	BFI
7153	Blue		BET	BFX
7159	Blue		BEF	BFJ
7262	Brown		BEU	BFY
7801	Brown		BEG	BFK
7840	Silver		BEV	BFZ
7868	Blue		BEH	BFL
7888	Blue		BEW	BGA
7889	Blue		BEP	BFT
7964	Green		BEI	BFM
7999	Blue		BEX	BGB
8380	Blue		BEJ	BFN
8381	Gray		BEY	BGC
8401	Yellow		BEK	BFO
8412	Green		BEZ	BGD
8431	Rose Metallic		BEL	BFP
8554	White		BFA	BGE
8555	Black (41U)		BEM	BFQ
8624	Summit White (50U)		BG8	BGK
8743	Blue Black		BFB	BGF
9021	Silver		BEN	BFR
9382	Blue		BFC	BGG
9403	Tan		BEO	BFS

ACTUAL COLOR MAY VARY

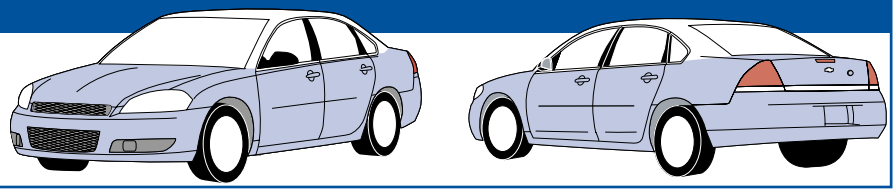
SEO COLOR SCHEME #W001
OPTION CODE 1PA

PAINT LEGEND: CODE 1 ☐ CODE 2 ☐



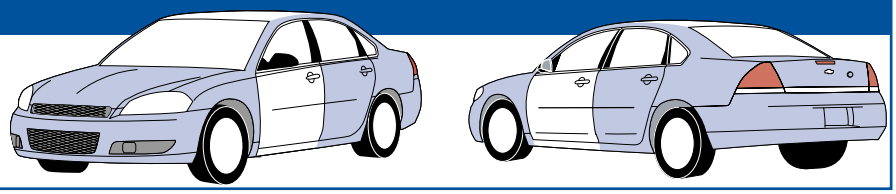
SEO COLOR SCHEME #W002
OPTION CODE 1PB

PAINT LEGEND: CODE 1 ☐ CODE 2 ▒



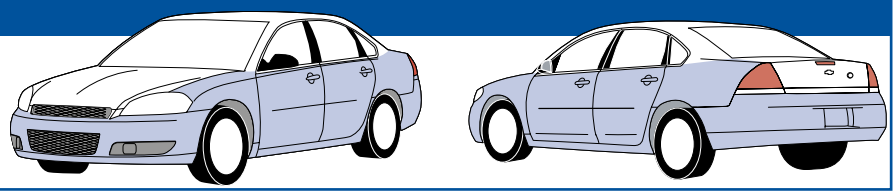
SEO COLOR SCHEME #W003
OPTION CODE 1PC

PAINT LEGEND: CODE 1 ☐ CODE 2 ▒



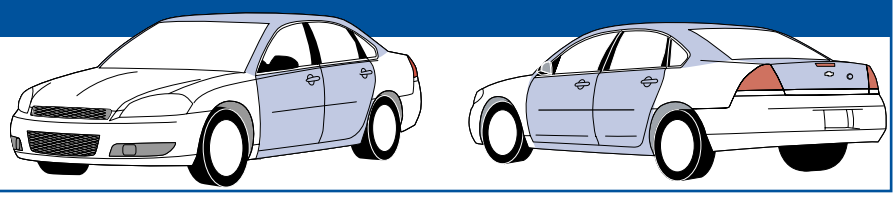
SEO COLOR SCHEME #W006
OPTION CODE 1PF

PAINT LEGEND: CODE 1 ☐ CODE 2 ▒



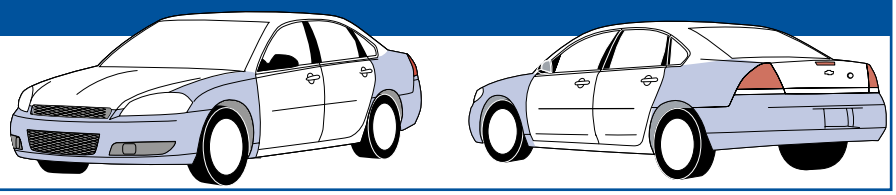
SEO COLOR SCHEME #W008
OPTION CODE 1PH

PAINT LEGEND: CODE 1 ☐ CODE 2 ▒



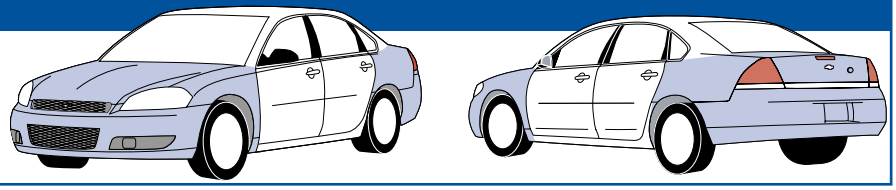
SEO COLOR SCHEME #W009
OPTION CODE 1PI

PAINT LEGEND: CODE 1 ☐ CODE 2 ▒

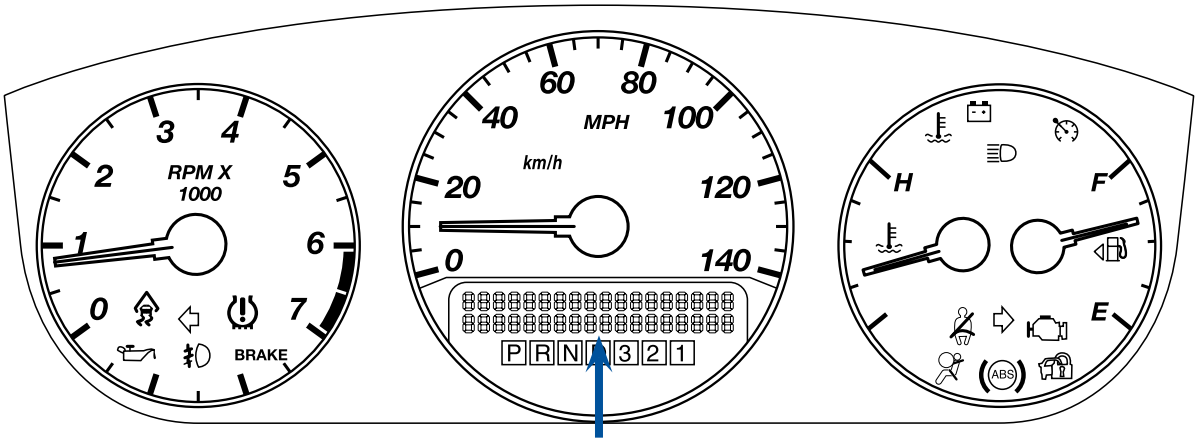


SEO COLOR SCHEME #W012
OPTION CODE 1PL

PAINT LEGEND: CODE 1 ☐ CODE 2 ▒



UNITED STATES CERTIFIED SPEEDOMETER/CLUSTER (CANADIAN SIMILAR)



DRIVER INFORMATION MESSAGE CENTER

- AUTOMATIC LAMP CONTROL ON†
- AUTOMATIC LAMP CONTROL OFF†
- BATTERY SAVER ACTIVE
- CERTIFIED SPEEDOMETER††
- CHANGE ENGINE OIL SOON
- CHECK TIRE PRESSURE
- DIGITAL MPH READOUT†††
- DRIVER DOOR OPEN
- ENGINE HOT TURN A/C OFF
- ENGINE OVERHEATED IDLE ENGINE
- ENGINE OVERHEATED STOP ENGINE
- ENGINE POWER IS REDUCED
- ERROR
- FUEL LEVEL LOW
- HOOD OPEN
- ICE POSSIBLE DRIVE WITH CARE
- LEFT REAR DOOR OPEN
- OIL PRESSURE LOW STOP ENGINE
- PASSENGER DOOR OPEN
- REMOTE KEY LEARNING ACTIVE
- REPLACE BATTERY IN REMOTE KEY
- RIGHT REAR DOOR OPEN
- SERVICE A/C SYSTEM
- SERVICE AIR BAG
- SERVICE BATTERY CHARGING SYSTEM
- SERVICE BRAKE SYSTEM
- SERVICE POWER STEERING
- SERVICE STABILITRAK
- SERVICE THEFT SYSTEM
- SERVICE TIRE MONITOR SYSTEM
- SERVICE TRACTION CONTROL
- SERVICE TRANSMISSION
- SERVICE VEHICLE SOON
- STABILITRAK INITIALIZING
- STABILITRAK OFF
- STARTING DISABLED SERVICE THROTTLE
- THEFT ATTEMPTED†
- TIGHTEN GAS CAP
- TIRE LEARNING ACTIVE
- TIRE LOW ADD AIR TO TIRE
- TRACTION CONTROL OFF
- TRACTION CONTROL ON
- TRANSMISSION HOT IDLE ENGINE
- TRUNK OPEN
- TURN SIGNAL ON
- WASHER FLUID LOW ADD FLUID

† Message may not be displayed in Police Package
†† Message flashes at engine start
††† Can be set as default condition

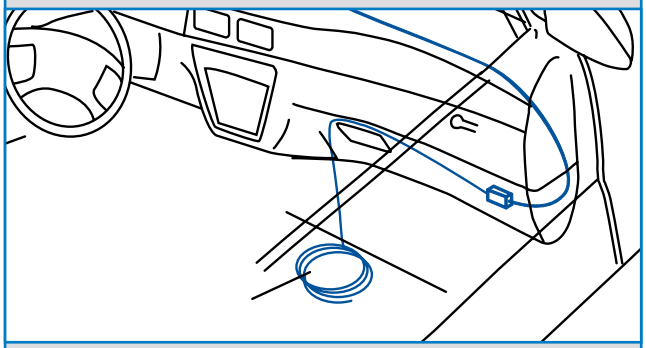
SPEEDOMETER CERTIFICATION

2014 Impala police cars certified speedometer calibration. Specifications, at ambient temperature of -10 to 120 degrees F (-23 to 49 Celsius). Inaccuracies due to vehicle speed sensing are included.

ACTUAL VEHICLE SPEED	INDICATED SPEED
0 TO 120 MPH	+/- 2 MPH
0 TO 193 KPH	+/- 3 KPH

The speedometer calibration is for the 3.6L engine, automatic transmission with a 2.44 axle and P235/55R17 W-rated tires

WIRING PROVISIONS FOR 12-VOLT BATTERY POWER SUPPLY



Battery power is supplied through two fusible links, one 50-amp and one 65-amp, to three circuit breakers and two control relays located in the control center above the accelerator pedal. A 50-amp circuit breaker feeds power directly from the 50-amp fusible link through a 10-gauge blunt cut wire. Two 30-amp circuit breakers supply power from the 65-amp fusible link through the contacts of the control relays to 12-gauge blunt cut wires. The blunt cut leads are part of a 5-foot coil on the floor under the instrument panel. Each relay is to be operated by an 18-gauge control lead included in the 5-foot coil under the instrument panel. An 8-gauge system ground lead is also provided in the 5-foot coil. The total current available through the 12-volt power supply is 110-amps.

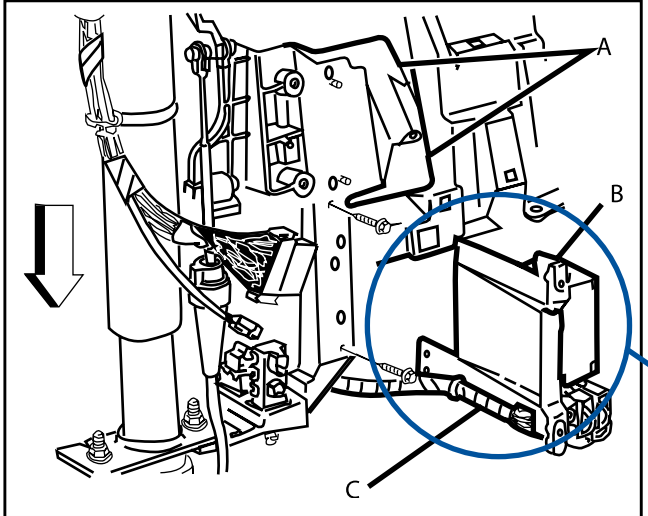
Two blunt cut wires provide ignition controlled power; one is HOT when the ignition is in ACCESSORY/ON; the second is HOT when the ignition is in START/ON.

A third blunt cut wire from the body control module provides a park-enable signal. When the transmission is in PARK, zero volts (not ground) are present and 12-volts are present when the transmission is in any other position. The circuit is designed to operate a single customer-furnished relay.

A fourth blunt cut wire provides the Vehicle Speed Signal (VSS).

NOTE: For wiring diagram see page 23

FUSE BLOCK BATTERY POWER SUPPLY

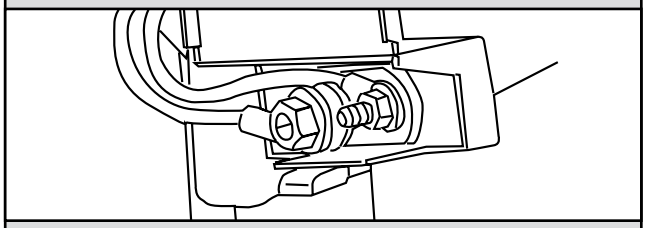


SERVICING RELAYS AND CIRCUIT BREAKERS

The following information shows you where the relays and circuit breakers are located in the fuse block, viewed upward from driver floor.

A. Instrument panel carrier
B. Relay center for circuit breakers and control relay
C. Instrument panel harness branch

AUXILIARY BATTERY POWER JUNCTION BLOCK IN TRUNK

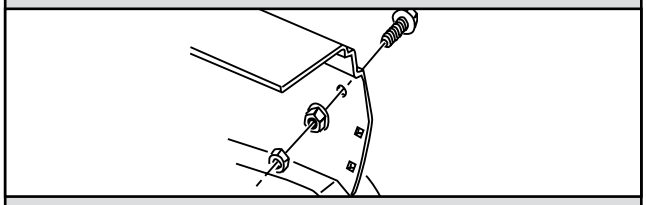


The auxiliary battery power junction block is mounted in the trunk of your Impala police vehicle. It is located on the passenger side support strut behind the rear wheel housing.

This junction block is split to provide two circuits and can be used to connect customer-furnished equipment directly to the battery through 8-gauge (8 mm2) body wiring and fusible links. A maximum of 100-amps (1200-watts) can be connected. Torque the connections to the studs to 11 lb.-ft. (15 N-m). It is fed by two fusible links of 50-amps each.

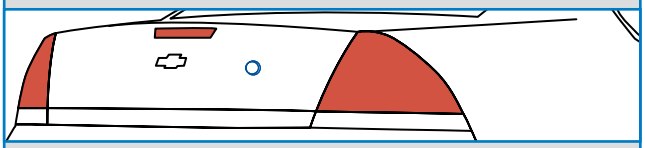
NOTE: For wiring diagram see page 23

TRUNK GROUND STUD



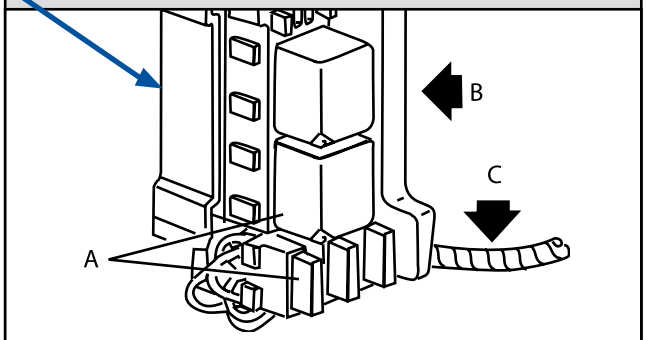
A 10 mm ground stud can be found in the trunk on the passenger's side of the vehicle. The stud is located above the trunk auxiliary junction block. See "Trunk Auxiliary Battery Power Junction Block" for more information on location. A 10 mm flanged hex nut grounds the 10 mm bolt to the vehicle. Recommended torque for the flanged nut is 26 lb.-ft. (35 N-m), plus or minus 4 lb.-ft. (5 N-m). A 10 mm hex nut is provided for customer ground termination. Recommended torque for the terminal connection nut is 7.3 lb.-ft. (10 N-m), plus or minus 1 lb.-ft. (1.3 N-m).

KEYLOCK CYLINDER – TRUNK LID



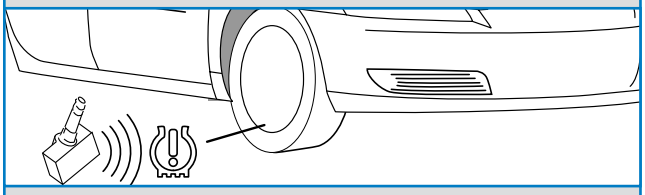
If your vehicle is equipped with the Theft Deterrent System (option UA6), an audible alarm will occur when the key is used to open the trunk instead of the remote keyless entry (transmitter). See your dealer/retailer to disable the audible alarm.

ENLARGED VIEW OF THE BATTERY POWER FUSE BLOCK



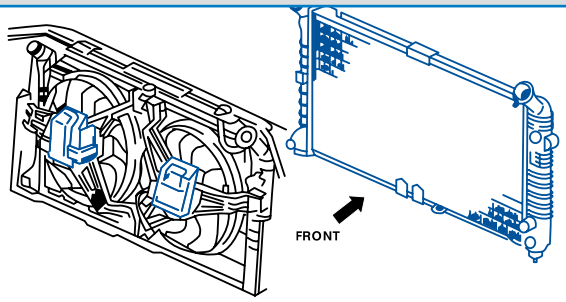
A. Relays and circuit breakers, B. Front of the vehicle, C. Floor of the vehicle

TIRE PRESSURE MONITOR



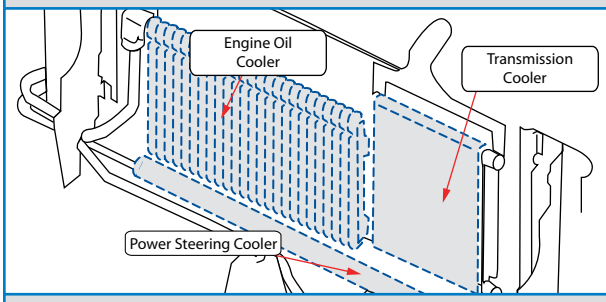
Your vehicle is equipped with a Tire Pressure Monitor (TPM) System which warns of low tire pressure. Your Impala Police Package may be equipped with a full-size spare tire (see page 18) The full-size spare tire has a sensor but is not programmed to read the spare tire pressure. When the full-size spare tire from your vehicle or spare tire from another Police Package is placed in use as a road wheel, the system will not read the presence of the new TPM sensor and must be calibrated. Refer to your owner's manual for additional information on the Tire Pressure Monitor and Sensor Programming. The space saver spare tire does not have a tire pressure monitor.

COOLING SYSTEM



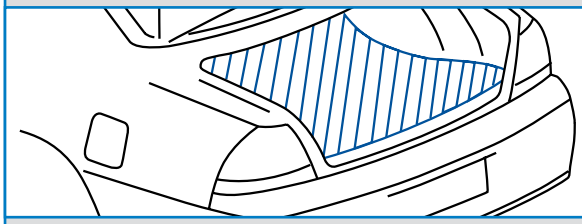
High capacity radiator with 225-watt fans

ENGINE, TRANSMISSION AND POWER STEERING COOLERS



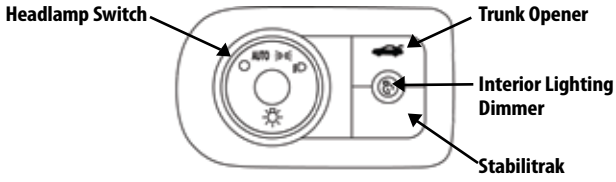
Three auxiliary air-to-oil coolers are mounted in front of the engine coolant radiator. The transmission cooler is connected in series with the coolant radiator end-tank cooler.

MAT – TRUNK



Heavy-duty mat covers floor.

EXTERIOR LAMPS CONTROL



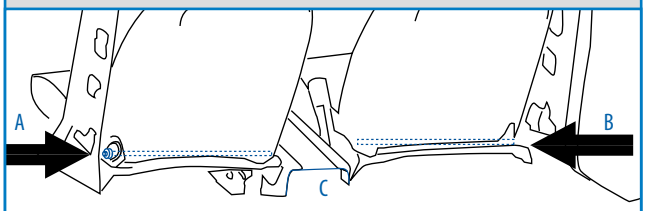
9G8 - Delete Daytime Running Lamps and Automatic Headlamps. This option disables the Daytime Running Lamps and Automatic Headlamps control feature. Exterior lamps are manually controlled only. Option 9G8 is not available in Canada. The headlamp control on the driver's side of the instrument panel operates the headlamps.

If your Impala does not have option 9G8, Daytime Running Lamps and Automatic Headlamps delete, the Daytime Running Lamps and Automatic Headlamps can be turned off for one ignition cycle by rotating the control knob momentarily counter-clockwise. Rotating the headlamp switch again will turn the Daytime Running Lamps and Automatic Headlamps back on.

In Canada, the Daytime Running Lamps and Automatic Headlamps can be turned off if the transmission is in Park. See also section 1 of your Impala owner's manual.

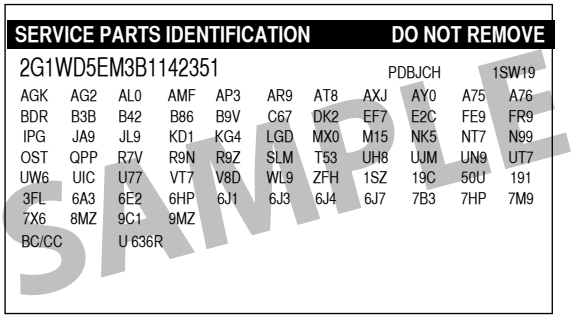
Stabilitrak - The Stabilitrak stability control system button is located below the dimmer control as part of the headlamp switch. Refer to pages 3 or 7 of this manual for an operation description of the stablity control system or see your Owners Manual.

STRENGTHENED FRONT SEAT



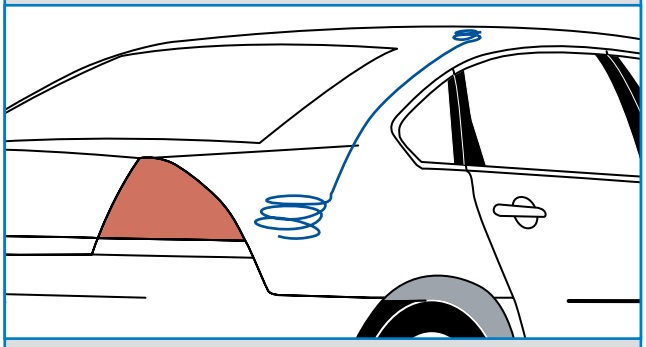
Seat bottom frame structural tubes - A, B
Center floor tunnel-mounted crush box - C
NOTE: Do not remove the crush box for aftermarket equipment installation

SERVICE PARTS IDENTIFICATION LABEL


SERVICE PARTS IDENTIFICATION
DO NOT REMOVE
2G1WD5EM3B1142351
PDBJCH
1SW19
AGK AG2 AL0 AMF AP3 AR9 AT8 AXJ AY0 A75 A76
BDR B3B B42 B86 B9V C67 DK2 EF7 E2C FE9 FR9
IPG JA9 JL9 KD1 KG4 LGD MX0 M15 NK5 NT7 N99
OST QPP R7V R9N R9Z SLM T53 UH8 UJM UN9 UT7
UW6 UIC U77 VT7 V8D WL9 ZFH 1SZ 19C 50U 191
3FL 6A3 6E2 6HP 6J1 6J3 6J4 6J7 7B3 7HP 7M9
7X6 8MZ 9C1 9MZ
BC/CC U 636R
SAMPLE

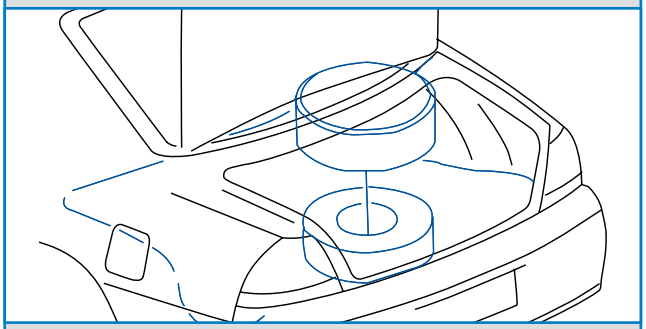
A Service Parts Identification (SPID) Label provides Vehicle Identification Number (VIN)-specific Option Code content list, Engineering Model Number (Nameplate, body style), Exterior paint system, Exterior paint color code and Interior trim level and color. The SPID label for the Impala is located on the right side rear compartment floor. The rear compartment trim must be lifted to access the label.

6C8 – WIRING COAXIAL RADIO ANTENNA CABLE



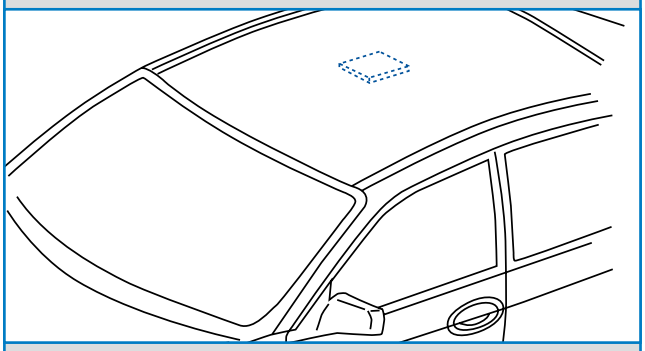
RG58 Coaxial radio antenna cable routed from just rearward of the dome lamp location to trunk. Approximately 24 inches of extra cable is coiled between headliner and roof panel. A coil of sufficient length to reach either corner of the trunk is secured to the right inner wheelhouse. There is no hole in the roof panel.

RUF – FULL SIZE SPARE TIRE



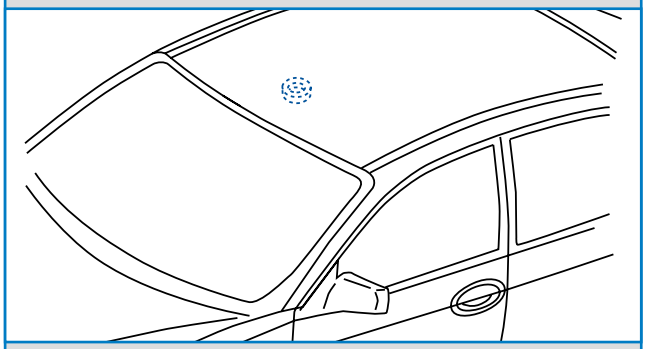
Cover is provided for spare tire and wheel. Full-size spare tire is mounted on top of the standard trunk trim covering the space saver spare tire tub. If full-size spare tire is removed, tub is exposed. The full-size spare tire includes a Tire Pressure Monitor (TPM) sensor which must be programmed to the TPM System after the spare tire is installed. (see page 17)

7Y6 – LAMP INOPERATIVE DOME



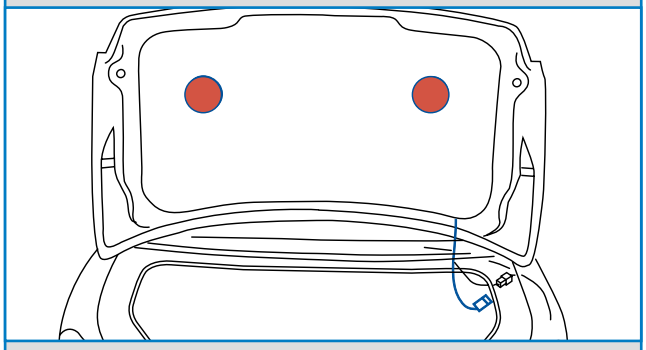
Dome and courtesy lamp will not operate when doors are opened. Dome lamp is controlled only by the instrument light dimmer on the instrument panel.

6C7 – LAMP AUXILIARY DOME



Dome lamp located between visors with switch at base of lamp, red LED/white incandescent auxilary wired independently from standard dome lamp.

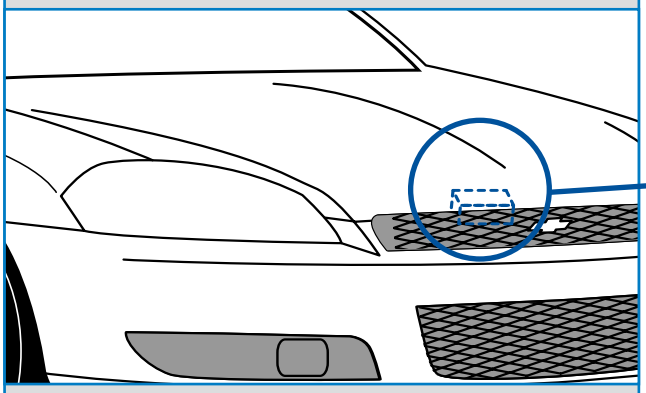
T53 – LAMPS TRUNK LID WARNING



Two 4-inch, red, single-faced lamps are mounted to the deck lid inner panel. Lamps are activated by the deck lid ajar mechanical switch when deck lid is opened. Lamps are wired to flash alternately through a flasher located at the upper right hand corner of the trunk opening.

Wiring is protected by fuse HTDSEAT in the engine compartment fuse block

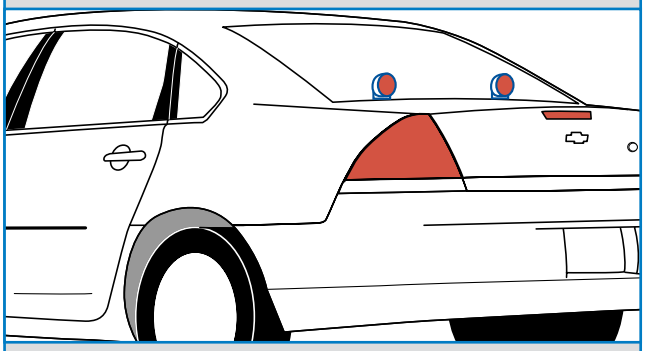
6J7 – EXTERIOR LAMPS EMERGENCY FLASHING SYSTEM MODULE LOCATION



This option 6J7 Exterior Lamp Emergency Flashing System module is mounted on the front of the right hand upper radiator support, below the upper radiator air baffle

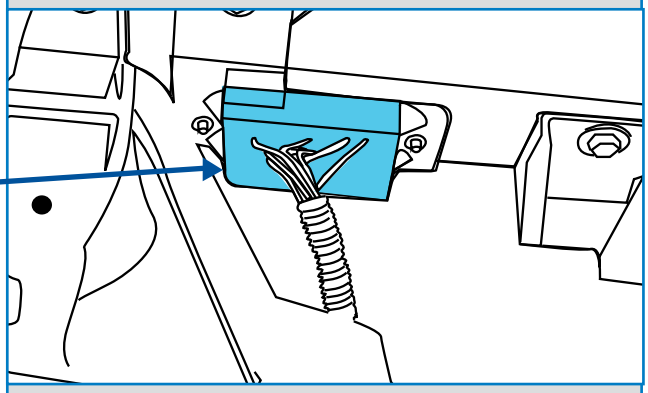
NOTE: For wiring diagram see page 24

6J6 – LAMPS REAR WINDOW



Two 4-inch, red, single-faced lamps are mounted behind rear seatback to be viewed through rear window. The turn signal circuits extend in loops coiled in the right front foot well for customer connection to control switching. These lamps function as auxiliary turn signal, stop lamps and vehicle hazard flashers.

6J7 – EXTERIOR LAMPS EMERGENCY FLASHING SYSTEM



Option 6J7 provides a headlamps high beam flashing module, rear lamps flashing via the Body Control Module (BCM) and a control wire for customer-furnished switching to turn the module on and off. The flasher control wire is part of the blunt-cut upfitter harness coiled under the instrument panel in the front passenger side foot well. The flashing module is located is located on the front side of the upper radiator support at the inboard end of the passenger side headlamp assembly.

The headlamp flashing module is activated by the application of 12 volts to a dark green/red wire in the upfitter harness. When activated, the headlamp high beams and the high beam instrument cluster indicator will flash alternately at 2.4 flashes per second. When the flashing module is turned on, the module sends a signal to the BCM which alternately flashes the stop lamps and backup lamps at the same flash rate as the headlamps. Depressing the brake pedal will override the stop lamp flashing and placing the transmission in Reverse will override the backup lamps flashing.

During daylight conditions, the Daytime Running Lamps (DRL) are automatically turned off whenever the headlamps flashing module is activated. During night time conditions, the low beam headlamps automatically turn on while the high beam lamps flash. Turning on the high beam headlamps manually will override the flashing module and the high beam headlamps will operate continuously. During night time conditions the tail lamps will turn on automatically. If Option 9G8 is present the low beam headlamps and tail lamps will not come on automatically. The Center Mounted Stop Lamp will operate only when the service brakes are applied.

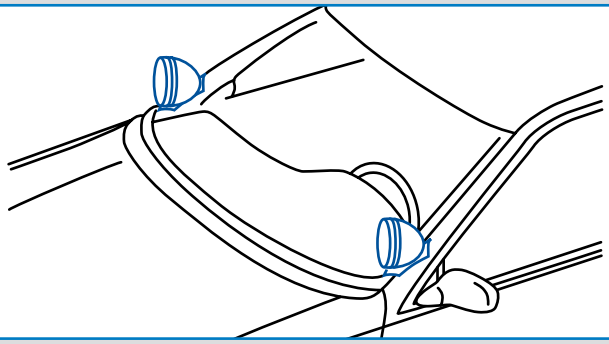
A 15-amp fuse labeled HDLP MDL protects the flasher module circuit. The fuse is located in the under hood fuse block in the engine compartment on the passenger side of the vehicle. See also the Owner Manual for more information.

Activation of the headlamps flashing and rear lamps flashing can be separated by opening the dark-blue/yellow BCM circuit at the flasher module connector, C122-F, and applying a customer-switched ground to the harness side of the wire at the connector. Power to the dark green/1209 wire must be OFF to flash the rear only.

Warning: BCM will be damaged if 12V power is connected to the dark-blue/yellow wire.

NOTE: For wiring diagram see page 24

7X6 AND 7X7 SPOTLAMPS 7X8 AND 7X9 SPOTLAMP PROVISIONS



7X6 Spotlamp left hand, pillar-mounted unity, 6-inch with replaceable H3 halogen bulb; independently fused

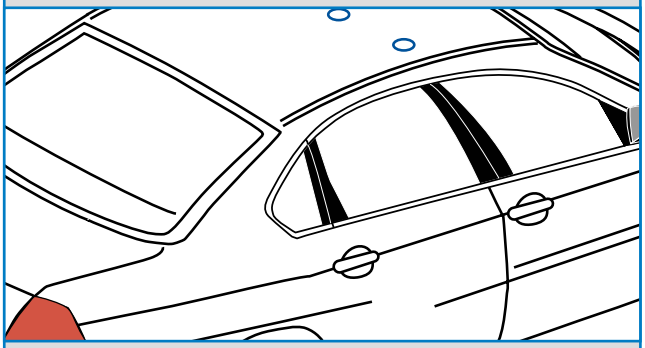
7X7 Spotlamps left and right hand, pillar-mounted unity, 6-inch with replaceable H3 halogen bulb; independently fused

7X8 Spotlamp provision left hand provision for customer installed spotlamp includes hole through pillar, mounting bracket and accessible power connector

7X9 Spotlamp provision left and right hand includes same components as option 7X8

NOTE:
- ***Lamp bulbs are halogen 12volt 100 watt H-3 rated at 245,000 candle power***
- ***For wiring diagrams and fuse location see page 25***
- ***Customer furnished spotlamp assembly must be installed to avoid interference with deploying passenger airbag***
- ***Factory installation of spotlamps and spotlamp provisions are recommended. Field installation of spotlamps must not interfere with proper deployment of the roof rail airbag in the event of a crash***

6B7 AND 6J5 HOLE IN ROOF PANEL

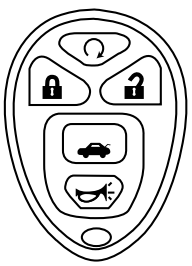


6B7 Hole is drilled near center line of roof panel approximately 29 inches rearward of windshield opening

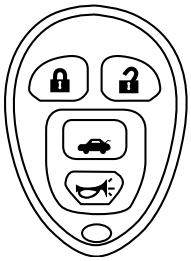
6J5 Hole is drilled on passenger side of roof panel approximately 29 inches rearward of windshield opening and approximately 6 inches inboard from passenger side door

NOTE: Only one roof hole location may be ordered. SEO 6F5 roof wiring is required when SEO 6B7 or SEO 6J5 are ordered.

AMF – PACKAGE OF 6 TRANSMITTERS



WITH REMOTE START



WITHOUT REMOTE START

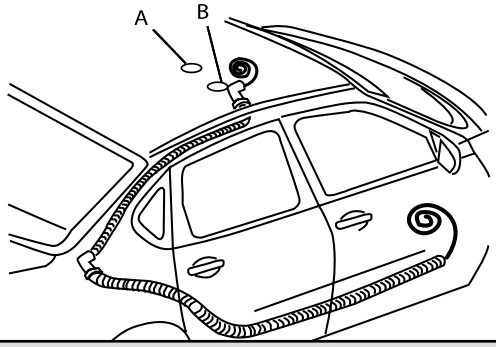
RELEARN REMOTE KEY

To access this DIC display, the vehicle must be in PARK. This display allows you to match the remote keyless entry transmitter to your vehicle. To match a remote keyless entry transmitter to your vehicle, do the following:

1. Press the vehicle information button until PRESS THE RELEARN REMOTE KEY displays.
2. Press the set/rest button. The message REMOTE KEY LEARNING ACTIVE will display.
3. Press and hold the LOCK and UNLOCK buttons not the first transmitter at the same time for approximately 15 seconds. A chime will sound indicating that the transmitter is matched.
4. To match additional transmitters at this time, repeat Step 3. Each vehicle can have a maximum of eight transmitters matched to it.
5. To exit the program mode, you must cycle the key to OFF.

NOTE: A maximum of 8 keys may be learned for a vehicle immobilizer (Passkey III+) with a random key code. Vehicles with the fleet key option (RPO 6E2 or 6E8) may have an unlimited number of keys learned for the particular option fleet key and must be learned using one of the original "master" keys. When programming RPO AMF additional 6 remote transmitters, the original 2 transmitters delivered with a vehicle must also be reprogrammed at the same time. A maximum of 8 remote transmitters can be programmed for a single vehicle.

6F5 – ROOF WIRING



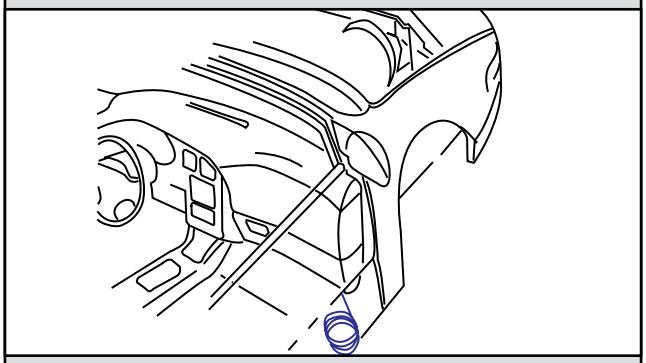
Option 6F5 is a universal wiring harness for roof-mounted equipment. The harness is routed from a 5-foot (1.5 m) coil of wire in the passenger's side footwell to a connector on the passenger's side of the trunk.

When the option 6B7 (center hole) is ordered, two color coded 10-gauge (5.0 mm^2) wires extend 24-inches (60 cm) through a grommet approximately 30-inches (74 cm) behind the top of the windshield at the center of the roof.

When option 6J5 (passenger's side hole) is ordered, two color-coded 10-gauge (5.0 mm2) wires extend 24-inches (60 cm) through a grommet approximately 30-inches (74 cm) behind the top of the windshield and 6-inches (15 cm) inboard from the passenger's side roof joint.

NOTE: For wiring diagram see page 25

6J4 – WIRING PROVISION FOR HORN/ SIREN CIRCUIT

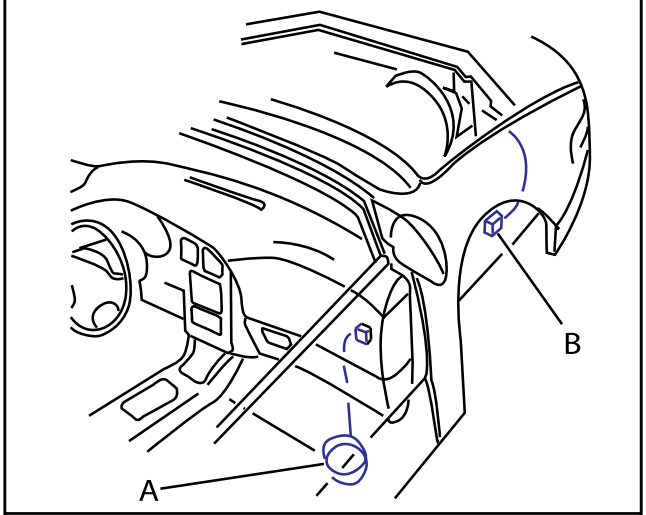


This provision permits customer connection of a switch to select either horn or siren operation when the horn pad is pressed.

A 22-gauge (0.35 mm^2) wire is connected to an in-line connector in the horn circuit of the instrument panel harness under the instrument panel. The end of this harness extension is in a 5-foot (1.5 m) loop of wire coiled under the instrument panel.

NOTE: For wiring diagram see page 25

6J3 – WIRING PROVISIONS FOR VEHICLE GRILLE LAMPS AND SPEAKER/SIREN



A. Blunt cut ends for the customer-furnished grille lamps and customer-furnished siren/speaker
B. Control wires from in-line connector in forward lamp harness for customer-furnished grille lamps and speaker

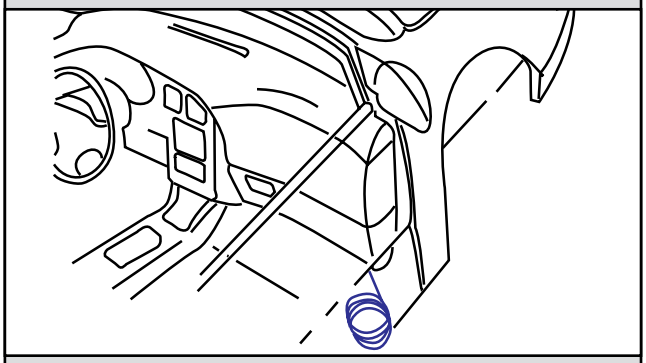
The SEO 6J3 wiring provision has a 5-foot (1.5 m) harness coiled underneath the instrument panel on the passenger side. The wiring circuits are routed from under the instrument panel to a 1-foot (30 cm) coil secured in the area behind the grille. There are four 16-gauge (1.0 mm2) wires for connecting to the grille lamps (GRY, TAN) and siren speaker (LT BU, LT GN)

The SEO 6J3 wiring provision also includes one 18-gauge (0.8 mm^2) control wire for the SEO 6J7 exterior lamps Emergency Flashing System.

When option 6J7 is installed without option 6J3, only the dark green/red control wire is provided for connection to customer-furnished 12-volt switching to turn the Emergency Flashing System on or off. See also page 19.

NOTE: For wiring diagram see page 24

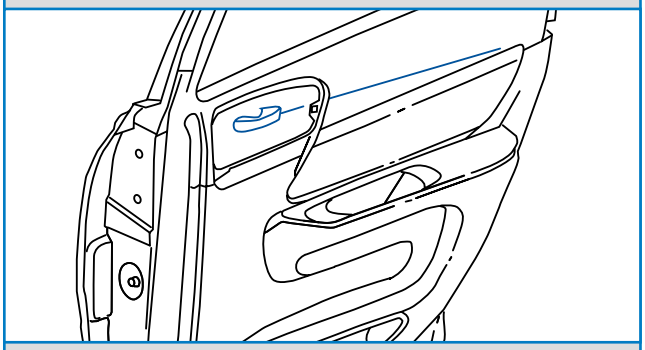
WX7 – WIRING PROVISION FOR FRONT SPEAKERS



Approximately 60 inches (1.5 m) of auxiliary speaker wiring is routed from the front door and windshield pillar speakers and coiled under the instrument panel. The wiring permits connection of the front speaker pairs to customer-installed communication equipment. Vehicle radio front speaker outputs are re-routed to the rear speakers to maintain the required open door/key-in-ignition audible warning.

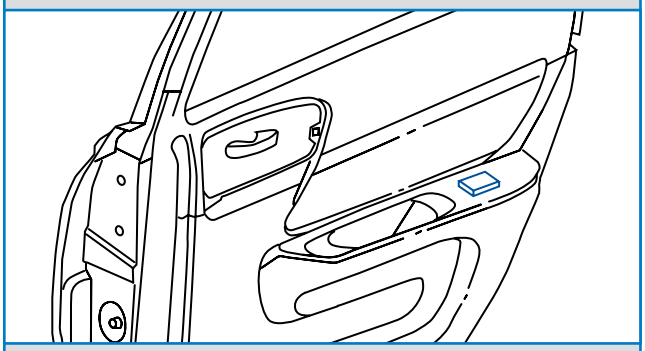
NOTE: For wiring diagram see page 24

6N6 – LOCKS REAR DOOR INOPERATIVE



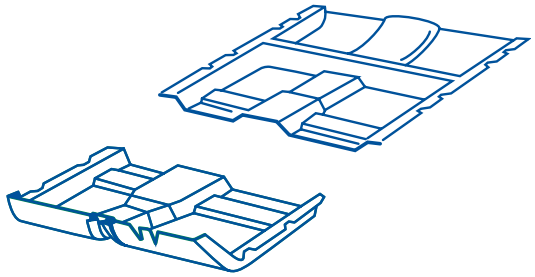
Rear door locking rods are disabled. Rear door locks are inoperable at rear doors, but operate from driver position. Remote rod is shipped in the glove box for future installation.

6N5 – WINDOW SWITCHES REAR DOOR INOPERATIVE



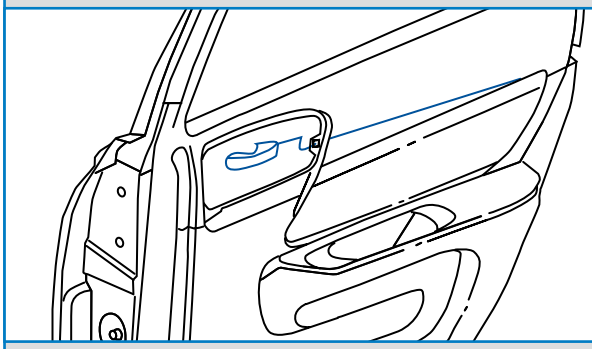
Rear door window switches are inoperable. Rear door power regulators are operable only from driver position switches.

6A3 – FLOOR COVERING



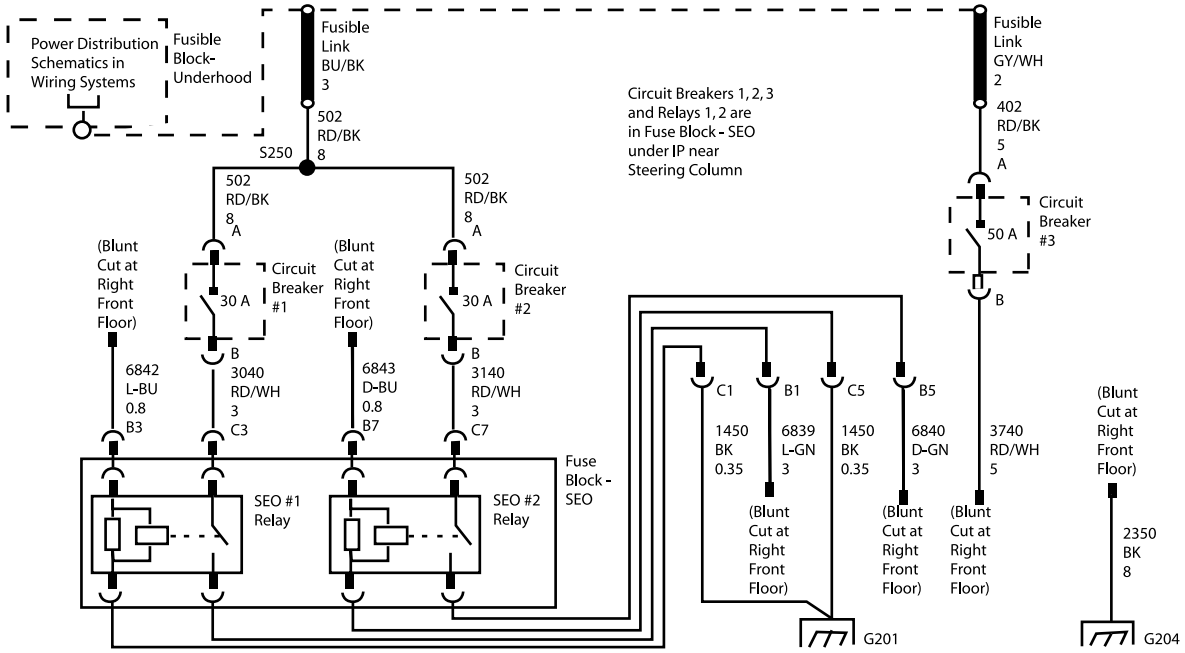
Black heavy-duty front and rear. Replaces production carpeting.

6B2 – HANDLES REAR DOOR INOPERATIVE



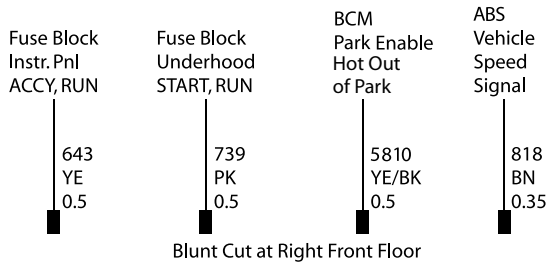
Inside rear door handles are disconnected. Rear doors can only be opened from the outside.

WIRING DIAGRAM FOR 12-VOLT BATTERY POWER SUPPLY



Battery power is supplied through two fusible links, one 50-amp and one 65-amp, to three circuit breakers and two control relays located in the relay center above the accelerator pedal. A 50-amp circuit breaker feeds power directly from the 50-amp fusible link through a 10-gauge (5.0 mm^2) blunt cut wire. Two 30-amp circuit breakers supply power from the 65-amp fusible link through the contacts of the control relays to 12-gauge (3.0 mm^2) blunt cut wires. The blunt cut leads are part of a 5-foot (1.5 m) loop of wire coiled under the instrument panel in the passenger's side footwell. Each relay is operated by an 18-gauge (0.8 mm^2) blunt cut, light or dark blue control lead included in the 5-foot (1.5 m) coil under the instrument panel. An 8-gauge (8.0 mm^2) ground lead is also provided in the 5-foot (1.5 m) coil. The total current available through the 12-volt power supply is 110-amps (1320-watts).

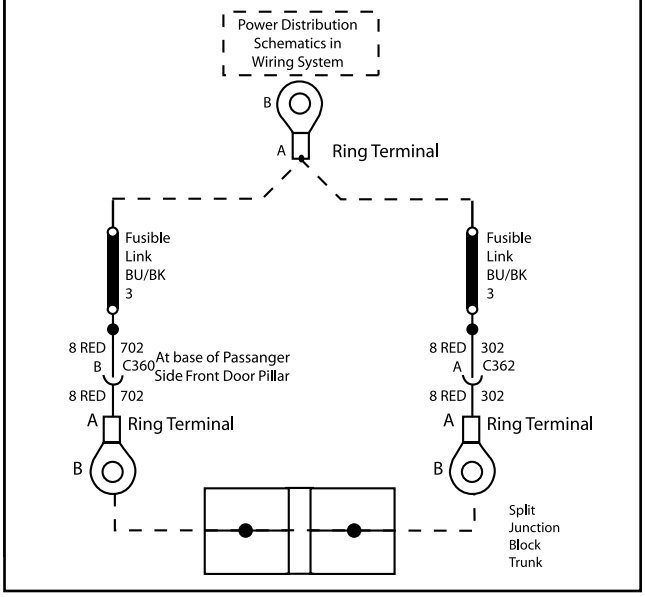
WIRING DIAGRAM FOR CONTROLLED POWER AND SIGNAL CIRCUITS WITH 12-VOLT POWER SUPPLY


Fuse Block Instr. Pnl ACCY, RUN
Fuse Block Underhood START, RUN
BCM Park Enable Hot Out of Park
ABS Vehicle Speed Signal
643 YE 0.5
739 PK 0.5
5810 YE/BK 0.5
818 BN 0.35
Blunt Cut at Right Front Floor

Bunt cut ignition controlled power and signal circuits are also included in the following 5-foot (1.5 m) right foot loop. The spotlamp fuses are located in the passenger's side underhood fuse block. See "Fuses and Circuit Breakers" in your owner's manual index for more information.

- A yellow, 20-gauge (0.5 mm^2) 10-amp fused circuit, HOT in ACCESSORY, RUN or RAP (Retained Accessory Power) Fuse "RAP" is in the end of the instrument panel.
- A pink, 20-gauge (0.5 mm^2) 10-amp fused circuit, HOT in START/RUN. Fuse "PWR Drop/CRNK" is in the underhood fuse block.
- A yellow/black, 20-gauge transaxle park signal from the Body Control Module (BCM). This circuit provides switched power (12-volts) when the transmission is not in PARK (P) and the engine is running. The electrical load attached to the park circuit must not exceed 0.5-amps (one relay coil).
- A brown, 22-gauge (0.35 mm^2) vehicle speed signal (4,000 pulses/mile) from the ABS module. Connect only high impedance load.

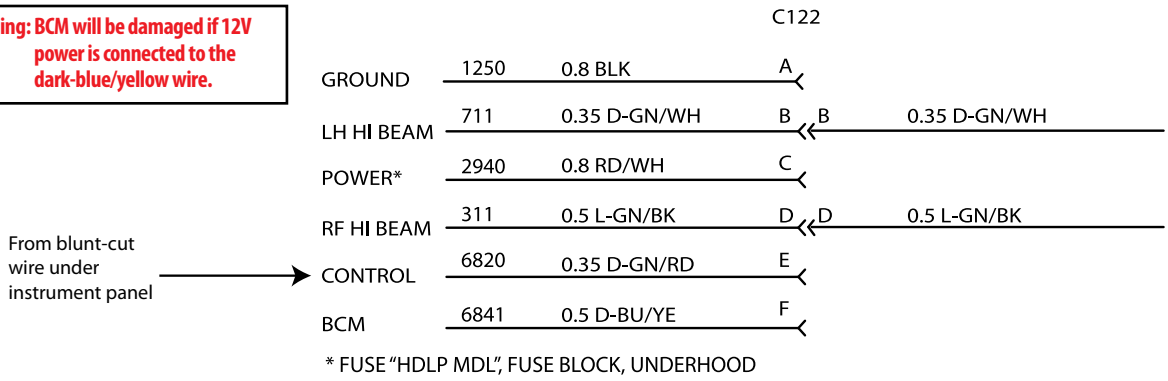
WIRING DIAGRAM FOR AUXILIARY BATTERY POWER JUNCTION BLOCK



NOTE: Wiring diagrams for these options are shown in the Police Package owner's manual supplement (shipped in glove box).

WIRING DIAGRAM FOR FORWARD LAMP HARNESS IN-LINE CONNECTOR FOR USE WITH HEADLAMPS FLASHER MODULE, OPTION 6J7

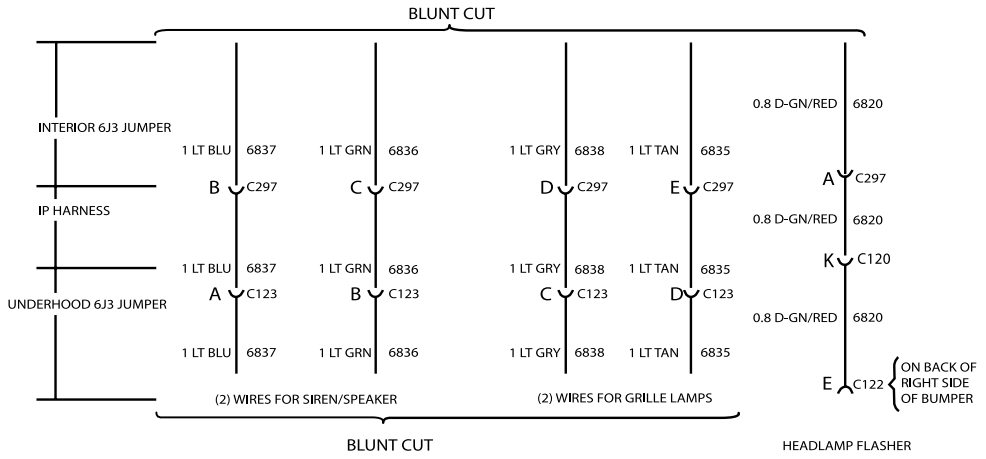
Warning: BCM will be damaged if 12V power is connected to the dark-blue/yellow wire.



* FUSE "HDLP MDL", FUSE BLOCK, UNDERHOOD

This connector is located at the rear passenger side of the bumper beam.

WIRING DIAGRAM FOR OPTION 6J3 AND OPTION 6J7

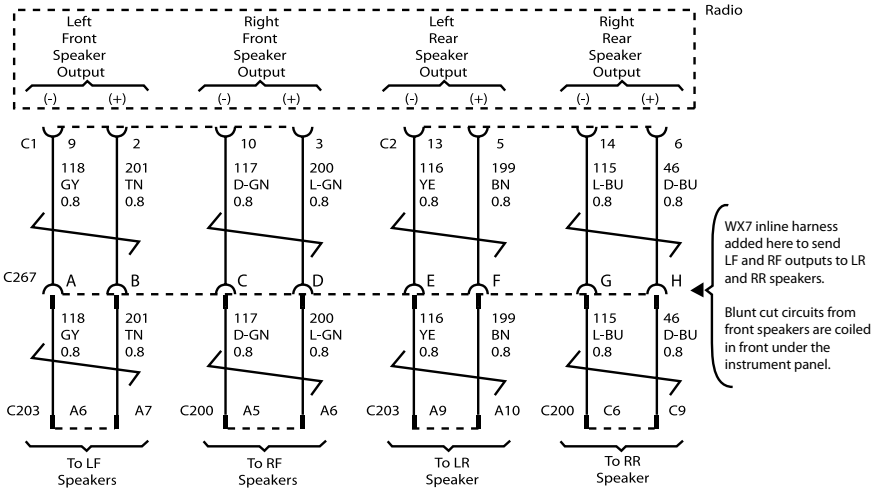


WIRING DIAGRAM FOR OPTION WX7 IN-LINE CONNECTOR

CHIME LEVEL ADJUSTMENT

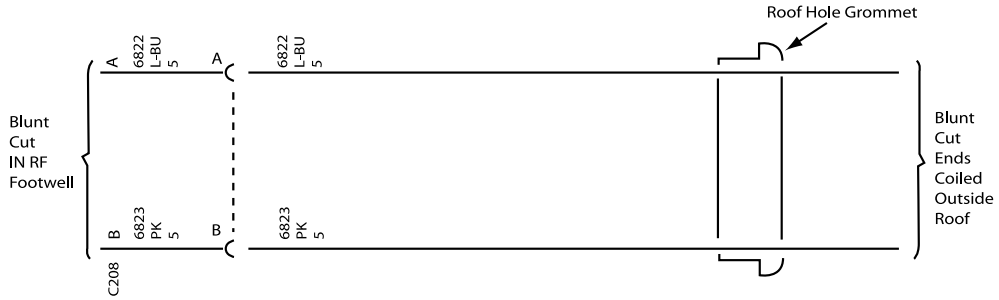
Impala police vehicles are equipped with a radio that provides an AM/FM stereo with a CD player. The radio produces a Federally mandated audible warning notification for the vehicle. The volume level of the chimes can be adjusted to be louder, but cannot be turned off.

See "Climate Controls" and "Audio Systems" in your Impala owner's manual to adjust the chime volume or contact your dealer for assistance.

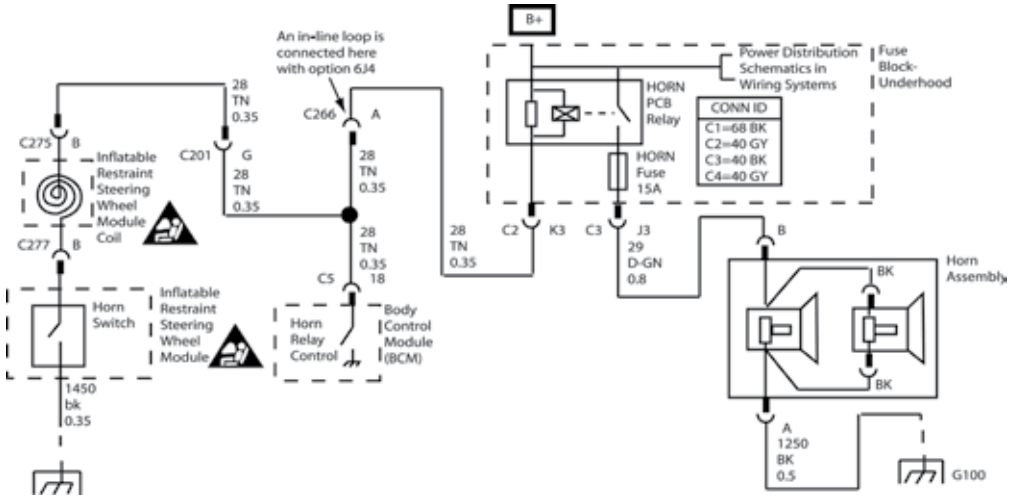


NOTE: Wiring diagrams for these options are shown in the Police Package owner's manual supplement (shipped in glove box).

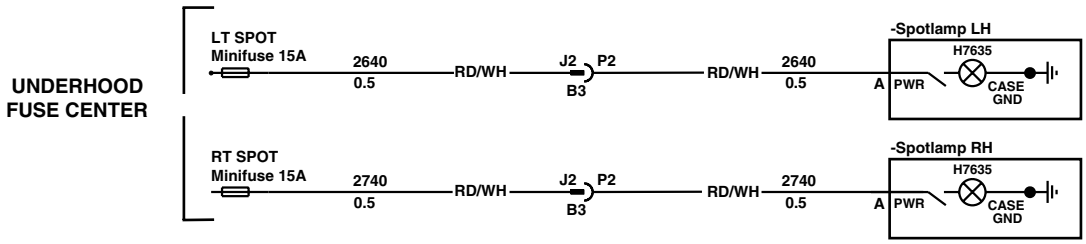
WIRING DIAGRAM FOR OPTION 6F5



WIRING DIAGRAM FOR OPTION 6J4



WIRING DIAGRAM FOR WINDSHIELD PILLAR-MOUNTED SPOTLAMP - OPTION 7X6 AND 7X7



7X6 spotlamp left hand and 7X7, spotlamps left and right hand, pillar-mounted Unity, 6-inch with replaceable H3 halogen bulb; independently fused

NOTE: Wiring diagrams for these options are shown in the Police Package owner's manual supplement (shipped in glove box).

Can specialty vehicle equipment (e.g. radar devices, video cameras, computers, meters, radio trees, shotguns, etc.) still be mounted in cars with passenger side air bags?

Yes, but care must be taken to mount the equipment outside of the deployment zone. Air bags inflate with great force and will interact with any object in the deployment zone. Therefore, to reduce the risk of injury to vehicle occupants, GM recommends that the air deployment zone be kept free of any equipment. If a piece of equipment were to become dislodged it could strike an occupant in the vehicle and result in injury. The likelihood of an object becoming dislodged is influenced by many factors, including the proximity of the object to the inflatable restraint, the size and shape of the object, and the means by which the object is secured to the vehicle. In addition to these factors, the trajectory and velocity of a dislodged object can be influenced by the type and severity of vehicle crash.

Objects that are in the deployment zone, but do not become dislodged by an inflating air bag can still affect the performance of the air bag. For example, such objects could tear the fabric or affect the shape of the air bag, thus reducing the ability of the bag to provide restraint.

Is it possible to shield equipment that is installed in the passenger side frontal air bag deployment zone in a manner that will allow full and safe air bag deployment?

Due to the complexity of influencing variables, GM is unable to evaluate the potential for shielding expected equipment configurations in all accident scenarios in order to assure that the air bag performance would be unaffected. While shielding may protect certain equipment from being damaged or dislodged, it may also negatively affect the inflation characteristics of the air bag. The air bag's shape, inflation angle, fold pattern, and inflation rate and pressure are developed to maximize the protection capability of the inflatable restraint system. Therefore, GM cannot recommend the placement of any equipment in the deployment zone, even if it is shielded to protect it from damage.

Front air bag systems and instrument panel mounted equipment.

Passenger air bags in GM vehicles deploy in different ways depending upon the type of vehicle and the particular instrument panel design.

In some vehicles, the passenger air bag deploys through a discrete door located on the top surface of the instrument panel (top-mount air bag systems). In other vehicles, such as the Chevrolet Tahoe, the passenger air bag deploys through a discrete door mounted on the vertical rearward surface of the instrument panel, above the glove box door (mid-mount air bag system). With these types of top-mount and mid-mount passenger air bag systems, the top pad of the instrument panel remains in place during deployment.

Some GM passenger air bag systems, like the system in the Chevrolet Impala, deploy from beneath the instrument panel top pad. These are considered 3/4-mount air bag systems with a "deployable top pad." The entire instrument panel top pad is the "deployment door" from under which the inflating air bag emerges. When an air bag deployment is commanded, the forces from the inflating passenger air bag push up on the instrument panel top pad, releasing special fasteners across the rearward edge of the top pad. This allows the top pad to rotate upward so that the passenger air bag may emerge. The top pad rotates upward to open widest at the right hand side, and is usually forced upward into contact with the windshield on the right hand side of the vehicle during a deployment.

Instrument panel top mounted special equipment, such as a radar antenna and control unit or video camera must be positioned to the left of the vehicle center line. This equipment must be mounted as low as possible and securely fastened to the top pad to avoid being dislodged in the event of a crash and possible air bag deployment. In the process of securely fastening special equipment to the top, DO NOT fasten down the top pad itself to any other vehicle component such as the cluster trim plate. As described above, the top pad rotates upward during a deployment. In order to enable the proper deployment of the passenger air bag, specialty equipment installation MUST NOT PREVENT the top pad from rotating upward during deployment. Location and attachment of special equipment should minimize added resistance or interference to upward rotation of the top pad during deployment.

Side-Impact Air Bags for crashes to the vehicle sides.

The air bag system in your police vehicle includes includes roof rail mounted Head Curtain side air bags.. The vehicle is also equipped with seat back mounted upper body air bags located on the outboard side of the driver and front passenger seat backs. Together the Head Curtain and seat-mounted side air bags are intended to protect the head and upper body in the event of a side crash. Some vehicles may also be equipped with an optional air bag, mounted on the inboard side of the driver seat back.

Can Specialty Vehicle Security Barriers be mounted within the side air bag deployment zones?

No. The side air bags inflate extremely fast because of the nature of side crashes to the vehicle. Mounting a security barrier behind the front seats with the ends placed within the side air bag deployment zones will result in unintended interaction between the barrier and the inflating side air bags. To reduce the risk of injury to the vehicle occupants, GM recommends that the side air bag zones be kept free of any customer installed equipment.

Customer furnished equipment installed to the vehicle roof.

Your police vehicle is designed with an interior roof cover system which includes internal components for the interior lamps and wiring. The roof system may also include side air bag components. Inflation devices may be mounted on the vehicle roof side behind the rear doors as well as air bag tethers retained to the windshield pillars. Care must be taken to avoid damage to these components or interference with their operation when installing roof mounted equipment such as emergency lamps and communication antennas.

Recommended GM service procedures must be followed to remove and re-install the instrument panel top pad to ensure that the top pad will release properly in the event of a passenger air bag deployment.

On the right half of the top pad closest to the passenger air bag module, GM recommends that no equipment be mounted. When mounting equipment on the driver side of the top pad, GM recommends that the total mass of the top pad mounted special equipment not exceed 8 pounds (3.6 kilograms), since some top pads tend to rotate about the left end.

Fasteners used to secure special equipment to the instrument panel top pad, the windshield glass, or to the windshield upper frame (header), should be selected to ensure that these devices will remain attached during a vehicle crash and possible air bag deployment.

Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

Can the installation of push bumpers on the front end of the vehicle affect the deployment of the air bag?

General Motors is not aware of adverse effects during crash events from the many push bumpers thai have been installed on GM police vehicles. Because there are many styles of push bumpers available with varying crash characteristics, installation of push bumpers may or may not affect deployment timing of the air bags. Push bumpers should be mounted to avoid modifying the vehicle structure and interfering with the front air bag sensors mounted on the upper radiator support cross member

Two front impact sensors are installed in General Motors vehicles. Do not relocate or disconnect the front sensors. The location and orientation of the front sensors are critical for correct operation of the air bag system. Avoid mounting components on or near the sensors. Push bumper styles with vertical pushing members that are in foreaft alignment with the front air bag sensors are not recommended.

When should an air bag inflate?

The driver's and right-front passenger's frontal air bags are designed to inflate in moderate to severe frontal or near-frontal crashes. But they are designed to inflate only if the impact speed is above the system's designed "threshold level."

In addition, your vehicle has “dual stage” frontal air bags which tailor the the amount of restraint according to crash severity. For moderate frontal impacts, the air bags inflate at a level less than full deployment. For more severe frontal impacts, "dual stage" frontal air bags deploy at full levels.

If the front of your vehicle goes straight into a wall that doesn't move or deform, the threshold level of the reduced deployment is about 12 to 16mph (19 to 15 km/h), and the threshold level for a full deployment is about 18 to 24 mph (29 to 28.5 km/h). The threshold level can vary, however, with specific vehicle design, so that it can be somewhat above or below this range.

If your vehicle strikes something that will move or deform such as a parked car, the threshold level will be higher. The driver's and right-front passenger's frontal air bags are not designed to inflate in rollover, side impacts, or rear impacts, because inflation would not help the occupant.

Seat mounted side impact air bags are designed to inflate in moderate to severe side crashes. The side impact air bags will inflate if the crash severity is above the designed "threshold level." The threshold level can vary with specific vehicles design. The side impact air bags are not designed to inflate on frontal or near-frontal impacts or rear impacts, because inflation would not help the occupant.

Roof rail mounted head-curtain air bags are designed to inflate in moderate to severe side crashes. In addition, certain vehicles have head-curtain air bags which are also designed to inflate in situations where an impending rollover condition is identified by the vehicle's rollover sensing system and/or frontal or near-frontal impacts if the crash severity is above the designed "threshold level".

Safety belt pretensioners at the driver and front passenger seat positions are designed to deploy in frontal, near-frontal, side, and rear crashes that exceed the "threshold level" of crash severity to help reduce slack in the safety belt Safety belt pretensioners will also deploy in impending rollover situations.

How long will the air bag remain inflated?

It takes approximately 1/20th of a second to fully inflate the frontal air bags. This is faster than the blink of an eye. The air bags begin to deflate immediately, helping to stop the occupants more gradually.

I've heard that a deployed air bag produces whet appears to be smoke, is the air bag hot?

After the bag has deployed in a crash, the air bag itself will not be hot to touch. Some components within the air bag module will be hot for a short time. A small amount of smoke coming from a deployed air bag module is normal and should not be cause for concern.

Also, when the nitrogen gas is vented out of the air bag, small particles from inside the bag are also vented into passenger compartment. These airborne particles look like smoke and some particles are deposited as residue on and around the air bag.

I've heard that the dusts that are released into the passenger compartment from the air bag are harmful, is this true?

For most people, the only effect the dusts will produce is some irritation of the throat and eyes, and that is only if the occupant remains in the vehicle for many minutes after the air bag deployment with no ventilation and windows closed. However, some people with asthma may develop an asthmatic attack from inhaling the dusts. If this happens, they should first treat themselves the same way their doctor has advised them to treat any other asthma attack, and then immediately seek medical treatment.

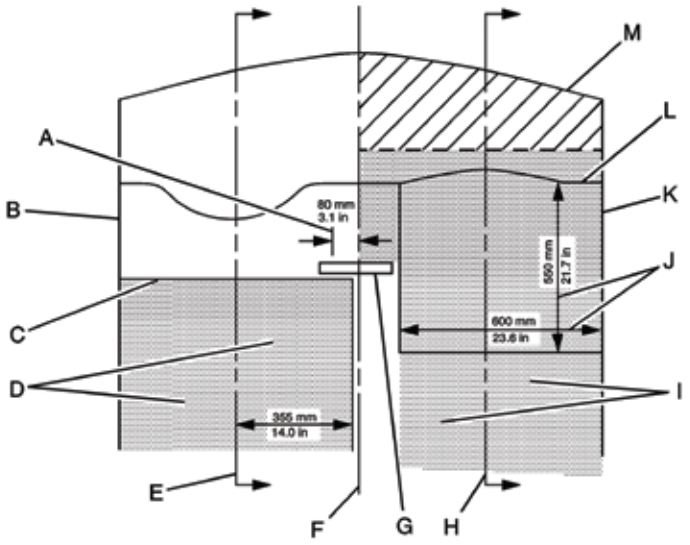
Can the air bag system be re-used?

No, The air bags are designed to inflate only once. After inflation some new parts will be required. These will include the air bag module and possibly other parts. (A competent service technician with access to the vehicle's service manual and the required tools should replace the required components after a deployment crash.)

If my vehicle has air bags, why should I have to wear my safety belt?

Air bags are in many vehicles today and will be in most of them in the future. But they are supplemental systems only; so they work with safety belts not instead of them. Every air bag system ever offered for sale has required the use of safety belts. Even if you're in a vehicle that has air bags, you still have to buckle up to get the most protection. That's true not only in frontal collisions but especially in side and other collisions.

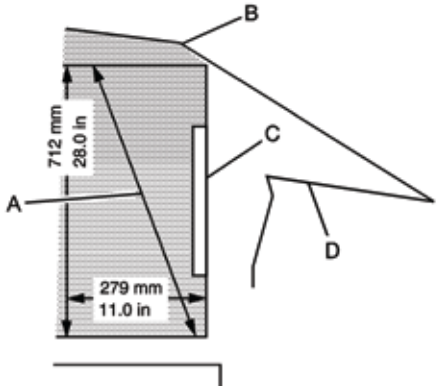
FRONT COMPARTMENT PLAN VIEW



TOP VIEW OF INSTRUMENT PANEL AND APPROXIMATE DEPLOYMENT AREA OF THE AIR BAG ZONE

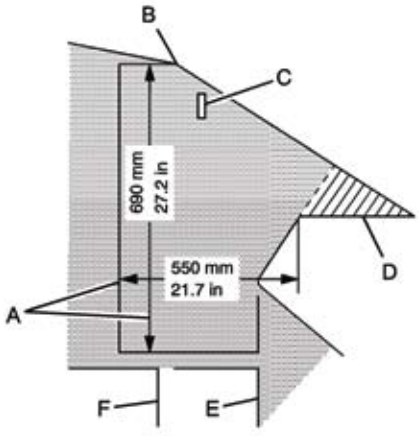
A. Shift selector arc
B. Driver side door
C. Front of steering wheel (in maximum downward position)
D. Driver air bag deployment zone
E. Driver centerline (also see side view)
F. Vehicle centerline
G. Inside rearview mirror
H. Passenger centerline (also see side view)
I. Passenger air bag deployment zone
J. Approximate maximum dimension of inflated air bag
K. Passenger side door
L. Rear edge of instrument panel top pad
M. Zone from instrument panel top to windshield

FRONT COMPARTMENT SIDE VIEWS



SIDE VIEW OF DRIVER SIDE AIR BAG DEPLOYMENT ZONE - CENTERLINE OF DRIVER

A. Driver air bag deployment zone
B. Top of windshield
C. Front of steering wheel (maximum downward position)
D. Top of instrument panel



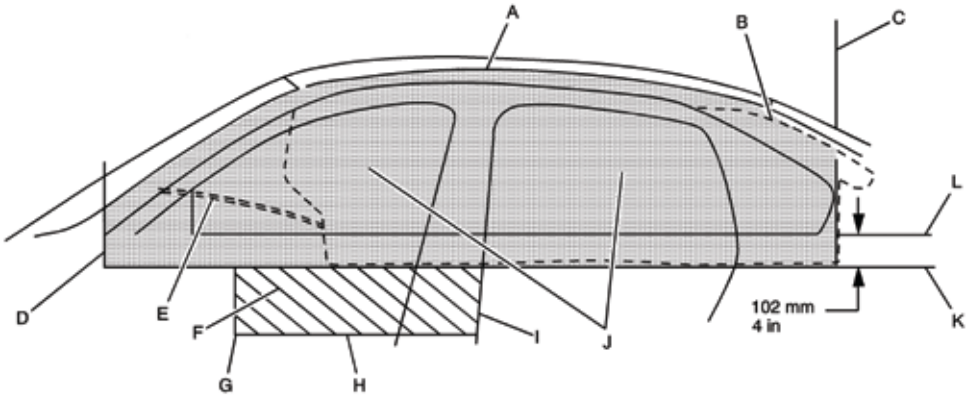
SIDE VIEW OF PASSENGER SIDE AIR BAG DEPLOYMENT ZONE - CENTERLINE OF PASSENGER

A. Passenger air bag deployment zone
B. Top of windshield
C. Inside rearview mirror
D. Top of instrument panel
E. Passenger seat in foremost position
F. Passenger seat in rearmost position

Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

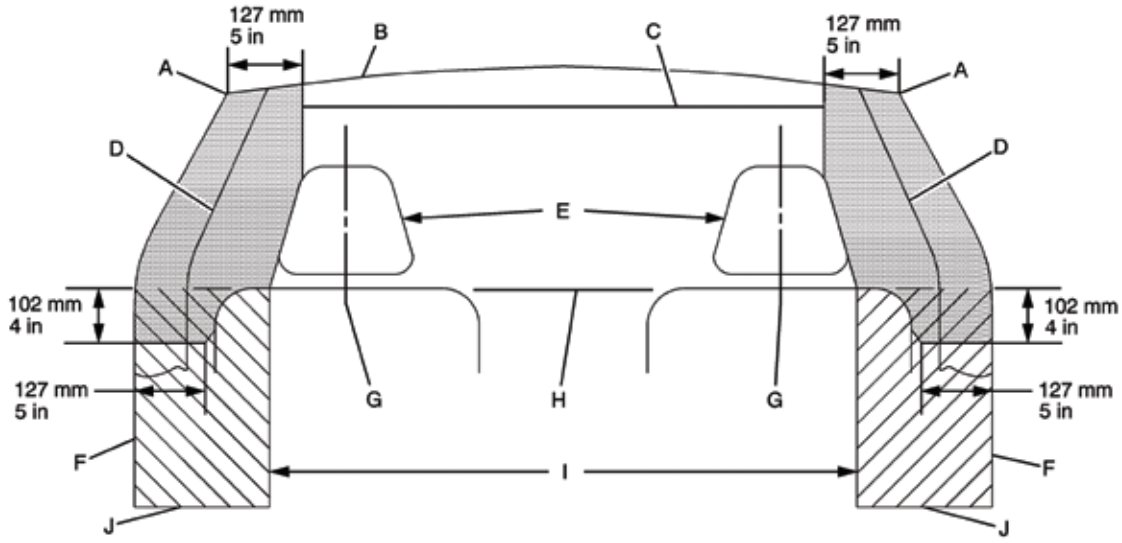
NOTE: All dimensions are approximate and subject to change.

HEAD CURTAIN AND FRONT SEAT-MOUNTED SIDE IMPACT AIR BAG DEPLOYMENT ZONE RIGHT SIDE SHOWN, LEFT SIMILAR



A. Top of deployment zone - along head curtain at edge of headliner
B. Air bag inflator location on sail panel
C. Back of deployment zone - at rear of quarter window
D. Front of deployment zone - at front of outside mirror patch
E. Forward air bag tether line
F. Thorax air bag deployment zone
G. Door handle front end
H. Groove in front door armrest
I. Pillar trim
J. Approximate shape of deployed air bag at maximum size
K. Bottom of deployment zone
L. Bottom of door windows

HEAD CURTAIN AND FRONT SEAT-MOUNTED SIDE IMPACT AIR BAG DEPLOYMENT ZONES VIEW FROM REAR SEAT



A. Edge of headliner
B. Underside of headliner
C. Head curtain air bag deployment zone
D. Inner center pillar trim
E. Headrest
F. Inner door pad
G. Seat centerline
H. Bottom of door windows
I. Thorax air bag deployment zone - front seat
J. Groove in front door armrest

Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

NOTE: All dimensions are approximate and subject to change.

GM offers Anti-Lock Brake Systems as standard or optional on all North American passenger vehicles and light truck lines. The computerized Anti-Lock Braking System (ABS) is designed to keep the vehicle's wheels rotating as the brakes are applied to assist the driver in achieving a controlled stop. Sensors monitor how fast the wheels rotate and feed the data continuously to the ABS computer. The vehicle's brakes slow each wheel as the brake pedal is applied. However, when ABS is activated due to road conditions, the system repeatedly releases and applies pressure to the brakes. The wheels can keep rolling, thus retaining steering ability and enhanced stability while providing a higher braking force on most surfaces than a locked wheel provides.

How exactly does ABS work?

In cars without ABS, hitting the brakes can cause the wheels to lock, leaving you unable to steer the vehicle until you decrease the pressure so the wheels can roll again. With an ABS, as you apply the brakes, the ABS computer monitors the wheel speed sensor information. If the computer senses that a wheel is approaching lock up, it sends a signal to the hydraulic modulator to reduce, then to reapply, brake pressure several times a second for as long as you maintain firm pressure on the brake pedal. The process is much like the threshold braking technique used with conventional brakes. However, ABS does it much faster and more accurately than any driver can, leaving you free to focus on steering away from obstacles.

Does ABS reduce stopping distances?

Yes, in braking situations where the wheels on a non-ABS equipped vehicle would lock up, ABS will generally provide shorter controlled stopping distance. The amount of improvement in stopping distance depends on many factors, including the road surface, severity of braking, initial vehicle speed, etc. On some surfaces, such as gravel roads, braking distances can be longer, but you will still have the control benefits of ABS. The important capability of ABS is control. ABS provides improved vehicle steerability and stability when braking.

What can affect the ABS advantage?

It is important that you follow the maintenance schedule recommended in the owner's manual of the vehicle, tires should be at their proper inflation level, the brake pads should be checked regularly, etc. While driving, you should sit comfortably, so that your hips are back in the seat and your knees are bent, even while braking. Your foot should be positioned so that your heel is on the floor and your toes are secure on the lower half of the pedal. And, though ABS may reduce stopping distance, remember: The faster you go, the longer it takes you to stop. Keeping a safe distance between you and the vehicle in front of you is always necessary, even with ABS.

What happens if ABS becomes inactive?

The ABS electronic control unit has on-board diagnostic capability. If a fault is detected, the vehicle will revert to the base brake system, and the ABS telltale on the dash will be illuminated. Should this happen, the vehicle should be taken to a dealership for repair as soon as possible.

How do I use ABS?

Depress and hold the pedal. DO NOT PUMP THE BRAKES (that prevents the system from working). Just hold the brake pedal down and let the ABS work for you. You may feel the brake pedal vibrate, or you may notice some noise, but this is normal as the system works for you.

Should I drive an ABS equipped vehicle differently than I would drive a vehicle with conventional brakes?

Most of the time, under normal driving circumstances, there is no difference, and you should always drive with the same caution and care. It is important to realize that ABS only makes a difference when it is activated—when you have to brake hard—and that would only be when the computer senses that a wheel is approaching lock up. When ABS activates, keep steady pressure on the brake pedal and then let the ABS work for you. Don't pump the brakes or try to find the threshold. Simply hold the brake pedal down and steer if necessary to avoid an obstacle.

Is ABS always active?

ABS is always available, but not always activated. ABS is activated only when the brake pedal is applied and the computer detects an impending wheel lock condition.

Can older cars be retrofitted with ABS?

No! The brake system is one of the most important features on any passenger vehicle.

Several products, which tap into the master cylinder and/or brake system performance, are being sold in the aftermarket. Some of these products imply performance similar to new vehicle anti-lock brake systems.

However, contrary to their claims, add-on systems, which deplete fluid from the master cylinder on brake apply may actually increase a vehicle's stopping distance. This may cause the vehicle to fail to comply with Federal brake standards.

Does ABS always activate at the same speed?

No, the system operates when the computer detects wheel lockup, at any speed above 8 mph.

Will ABS wear out a vehicle's brakes sooner?

A properly maintained brake system will be unaffected by ABS operation under typical driving conditions.

Are there different types of ABS?

Yes, there are rear wheel anti-lock systems (RWAL) used on some trucks and four-wheel ABS available on cars and trucks.

Do Federal Safety Standards mandate ABS?

No. Federal standards establish minimum braking performance requirements that all vehicles must meet, but do not specify how they should be met. It should be noted that even a vehicle with failed ABS meets the Federal safety standard for stopping distances.

Will a tire size change affect ABS?

Use of tires other than original equipment may affect ABS performance. Owners should consult and follow the recommendations contained in the vehicle owner's manual regarding replacement tire size. ***NOTE: ABS will work with original equipment spare tire or tire chains. However, performance is reduced.***

Do insurance companies give a discount for ABS?

Yes, many insurance companies give discounts that range from 5% to 10%. In the states of New York and Florida all insurance companies are required to give an ABS discount of 5% on certain coverages such as bodily injury, property damage, collision, and personal injury protection. In other states the discount varies from insurance company to insurance company. When buying auto insurance, always ask your insurance agent if his/her company gives a discount for vehicles equipped with anti-lock brakes.

IMPORTANT DRIVING SAFETY TIPS

A. **Always maintain a safe following distance.** ABS does not allow you to stop on a dime. (Generally a 2-second following distance is considered safe in ideal conditions.) Watch the vehicle in front of you pass a fixed marker (such as a sign). Count seconds—one-thousand-one, one-thousand-two-until your front bumper reaches the marker. If you do not count out two seconds, then you are too close to the vehicle in front of you. Also, if the roads are wet or icy, or visibility is poor, you should increase your following distance.

B. **Always drive carefully—** especially on slippery surfaces. ABS cannot create friction between the tires and the road surface, it can only give the driver the maximum advantage of the existing adhesion. If the vehicle is traveling on a surface with no adhesion, the best ABS in the world cannot provide a shorter stopping distance or good steering.

C. **It is a good idea to practice an ABS activated stop** and get the feel of the brake pedal. However, please make sure it's at a safe time with no obstacles in your path. And you only really need to try it once or twice to know what happens.

ELECTRONIC STABILITY CONTROL SYSTEMS (STABILITRAK)

StabiliTrak systems help drivers maintain control of their vehicles, especially during emergency lane changes or avoidance maneuvers. StabiliTrak uses various sensors, such as steering wheel angle, wheel speed, yaw velocity, etc., to detect any difference between the path requested by the steering wheel position and vehicle's actual path. When appropriate, the system selectively controls brakes, engine power, and even suspension settings to enhance control of the vehicle's direction and help keep it on course. Independent studies conducted by the National Highway Traffic Safety Administration, the Insurance Institute for Highway Safety, and others have found StabiliTrak to be highly effective in reducing vehicle crashes. General Motors offers StabiliTrak systems on many of its passenger car and light truck models.
See your owner's manual for additional information about the operation of StabiliTrak.

Q. How do I use StabiliTrak?
A. StabiliTrak operates independently of the driver. You should continue to drive your StabiliTrak equipped vehicle with caution and care. GM's StabiliTrak system, StabiliTrak, is designed to be as seamless as possible in operation, to be part of the overall vehicle response and to make a good vehicle better

Q. How does StabiliTrak work?
A. StabiliTrak has the ability to apply control forces to the vehicle independent of the driver. StabiliTrak uses sensors to continuously compare the path indicated by the steering wheel position to the vehicle's actual path. If a discrepancy is detected, StabiliTrak selectively controls vehicle brakes and engine torque to create a yaw moment that helps restore the vehicle's actual path to the path indicated by the steering wheel position. StabiliTrak has the ability to help correct both understeer (where the vehicle is not turning as much as the steering wheel position indicates) and oversteer (where the vehicle is turning more than the steering wheel position indicates). The illustration at right shows how selective braking at a particular wheel can create a compensating yaw moment to help restore the vehicle's actual path to the path indicated by the steering wheel position.

Q. Will a tire change affect StabiliTrak?
A. Use of tires other than original equipment may affect StabiliTrak performance. StabiliTrak is designed to make the best use of available traction. The performance characteristics of the original equipment tires are part of the overall system effectiveness. When you replace tires check the recommendations in your owner's manual. On GM vehicles, the original equipment tires have a "TPC" (Tire Performance Criteria) code on the sidewall. Replacing the tires with the same "TPC" code will help assure proper StabiliTrak performance.

CHEVROLET
POLICE
VEHICLES
GMFLEET.COM

Shown with aftermarket equipment

Shown with aftermarket equipment

Shown with aftermarket equipment

UPDATES FOR 2014

NEW FEATURES

- CONCORD METALLIC (GWU)

DELETED

- BLUE RAY METALLIC (GXH)
- BLACK GRANITE METALLIC (58U)
- SPECIALTY PAINT WHEATLAND YELLOW (253A)
- SPECIALTY PAINT DARK TOREADOR RED (334D)
- SPECIALTY PAINT DARK BLUE METALLIC (722J)
- SPECIALTY PAINT BLUE (5665)
- SPECIALTY PAINT GREEN (7941)
- SPECIALTY PAINT WOODLAND GREEN (9015)
- SPECIALTY PAINT YELLOW (9414)

5. Gross Vehicle Weight Rating (GVWR). When properly equipped, includes vehicle, passengers, cargo and equipment.
6. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.

POLICE PACKAGE OPTION PPV MUST BE ORDERED. THE 2-WHEEL DRIVE TAHOE POLICE PACKAGE IS NOT INTENDED FOR TRAILER TOWING. THIS VEHICLE HAS BEEN DESIGNED FOR POLICE WORK UP TO AND INCLUDING HIGH SPEED EMERGENCY VEHICLE OPERATIONS. GM RESTRICTS THE SALE OF POLICE VEHICLES AND THEY ARE NOT TO BE SOLD TO RETAIL CUSTOMERS.

MODEL AVAILABILITY

CC10706	Rear-wheel drive

STANDARD EQUIPMENT SUMMARY

WARRANTY	3 years / 36,000 mile bumper-to-bumper (whichever comes first, see dealer for details) 5 years / 100,000 mile limited powertrain (whichever comes first, see dealer for details)

INTERIOR FEATURES

AIR CONDITIONING	Dual-zone manual climate control with individual climate settings for driver and front passenger; includes auxiliary rear air conditioning and heat (rear operated from front control only)
ASSIST HANDLES	Front passenger and second row outboard; front passenger assist handle is deleted when passenger side spotlamp is ordered
BLUETOOTH	Not available
COMPASS	Standard; displayed in Driver Information Center
CONSOLE, FLOOR	Not available
CONSOLE, OVERHEAD	Includes map lamps
CRUISE CONTROL	Electronic with set and resume speed
DOME LAMPS	Dome lamps, cargo lamp with delayed entry feature and map lamps (see page 24 interior/exterior lamp control to turn off dome light)
FLOOR COVERING	Black vinyl floor and load floor behind second row seats
GLASS	Deep tinted (all windows except light-tinted glass on windshield, driver and front passenger side glass)
GLOVE BOX	Locking door and no light
MIRROR	Inside rearview manual day/night
NAVIGATION SYSTEM	Not available
ONSTAR	Not available
OUTSIDE TEMP. DISPLAY	Standard; displayed in Driver Information Center
RADIO	AM/FM stereo with MP3 compatible CD player, seek-and-scan, digital clock, auto-tone control, Radio Data System (RDS), speed-compensated volume and theftlock
RESTRAINT SYSTEM	**Tahoe received an overall 5-star frontal and side crash test rating from NHTSA[12].** Safety belts, driver and front passenger with pretensioners, dual stage driver and passenger frontal air bags[1], passenger sensing system and frontal air bag[1] ON/OFF indicator, rollover sensor, dual head curtain air bags[1] for front and rear outboard occupants and front seat back mounted thorax-pelvic air bags[1]
SEATS, FRONT	Cloth bucket seats, 6-way power driver and passenger seat adjusters with manual reclining seat back and lumbar controls and adjustable head restraints (see page 4)
SEAT, REAR	Vinyl split-folding 60/40 bench with outboard seating position headrests, 3rd seat not available (see page 4)
SPEEDOMETER/CLUSTER	140 mph certified analog speedometer, 1 mph increments and digital trip odometer with gauges for engine oil pressure, fuel, battery volts and coolant temperature. Driver Information Center displays engine hours, warnings and other information (see message listing on page 6)
STEALTH MODE	See exterior lamps control on page 24 for operation description
STEERING WHEEL	Tilt-wheel with column mounted gear shift lever
THEFT DETERRENT SYSTEM	Vehicle PASS-Key® III+ and content theft (unauthorized entry, OR ENTRY WITHOUT USE OF KEYLESS REMOTE FOB, sounds horn and lamps flash). For Content Theft Alarm disable, option UTQ must be ordered (see page 7)
VISORS	Padded with cloth trim, extends on rod; driver and front passenger illuminated vanity mirrors
WARNING TONES	Headlamp on, key-in-ignition, driver and right-front passenger safety belt unfasten and turn signal on
WINDOW OPERATION	Power with driver express-down and lockout features

ELECTRICAL FEATURES

AUXILIARY POWER, FRONT	100-amp ignition and main power supply wiring at lower center of instrument panel (see wiring provisions for 12-volt battery power supply on page 23)
AUXILIARY POWER, REAR	100-amp auxiliary power in cargo area (see page 23)
GROUND STUDS	Two studs located in rear compartment near bottom of liftgate opening (see page 23)
LOCK-OUT PROTECTION	Prevents the power door locks from locking the driver's door if the keys are left in the ignition (manually lockable with engine running)
POWER OUTLETS	Two 12 volt, 20 amp located on Instrument panel and one 12 volt, 20 amp in cargo area. Battery power is present at all times
WIRING DIAGRAMS	See pages 28 through 31 for description; also see Tahoe Police Package owner's manual supplement (located in glove box folder with standard owner's manual)
WIRING PROVISION, EXTERIOR LAMPS FLASHING	Forward lamp harness in-line connector for Exterior Lamps Flashing System (see option 6J7 on page 7)

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.
12. Model tested with standard head curtain side-impact air bags (SABs). Government 5-Star Safety ratings are part of the National Highway Traffic Safety Administration's (NHTSA's) New Car Assessment Program (www.SaferCar.gov).

EXTERIOR FEATURES

ASSIST STEPS	Black, mounted between front and rear wheels
BODY SIDE MOLDINGS	Optional (see option B85 on page 7)
DEFOGGER	Electric, rear window
DOOR HANDLES	Matte Black
DOOR LOCKS	Power, non-programmable with lockout protection and automatic door locking and unlocking, door lock cylinder no longer available on passenger front door and rear liftgate; child safety locks included in rear side doors
FASCIA, FRONT	Body color
FASCIA, REAR	Body color - with step pad
FOG LAMPS	Not available
HEADLAMPS	Dual halogen composite with flash-to-pass feature, automatic exterior lamp control and daytime running lamps (to delete automatic lamp control see option 9G8 on page 7)
HORNS	Dual note
KEYLESS ENTRY	Includes two transmitters with non-functional panic button; stealth mode feature includes exterior lamps and horn disable; if remote start Option AP3 is included, running lamps will remain illuminated (additional transmitters are available; see option AMF on page 7)
KEYS	Two-sided, random code, for ignition and driver door only
LUGGAGE RACK	Not available
MIRRORS	Outside heated power-adjustable, manual-folding, Matte Black
REAR LIFTGATE	Liftgate/liftglass with washer and wiper, and no lock cylinder on liftgate
RECOVERY HOOKS	Two front
UNDER HOOD LAMP	Not available
WINDSHIELD WIPERS	Intermittent, wet-arm with flat blade and pulse washers

CHASSIS FEATURES

AIR CLEANER	High-capacity
ALTERNATOR	160-amp with idle boost (transmission in PARK or NEUTRAL) based on battery energy level
BATTERY	660 CCA, 80-amp hour rating with battery rundown protection (does not protect customer installed equipment)
BRAKES	Heavy-duty 4-wheel anti-lock front and rear disc with vacuum boost power assist
COOLING	Heavy-duty high capacity radiator, electric fans and extended life coolant; coolant hoses are EPDM (ethylene-propylene-diene monomer) rubber; silicone hoses are not required (coolant is DEX-COOL good for 5 years/150,000 miles, protects from -34° F to +265° F and against rust and corrosion)
ENGINE	Vortec 5300 V8 SFI with variable valve timing (VVT), active fuel management (AFM), FlexFuel[2] (gasoline or E85 ethanol); top speed fuel cut-off at 139 mph; includes air conditioning wide open throttle cut off
FRAME	Full perimeter, modular with hydroformed rails
FUEL TANK CAPACITY	26 gallon (98 liters)
OIL COOLERS	Heavy-duty engine, transmission and auxiliary air-to-oil power steering (see page 23)
PROP SHAFT	Steel, 3.5 inch diameter
RADIO SUPPRESSION	Grounding straps, at five additional locations (see page 23 for locations)
SKID PLATE	Front underbody shield starting behind front bumper and running to 2nd cross-member protecting front underbody and oil pan
SPARK PLUGS	Extended life - iridium tip
STABILITRAK	Stability enhancement system. An advanced computer controlled system that assists the driver with directional control of the vehicle in difficult driving conditions. Each time the vehicle is started, the StabiliTrak system is fully on. StabliliTrak can be controlled by a StabiliTrak button on the instrument panel located below the air conditioning fan control (see page 25). The condition of the system is displayed by an instrument panel StabiliTrak indicator light and Driver Information Center (DIC) Messages. Push once, Traction Control is off, push again and Traction Control and StabiliTrak are turned back on
STEERING	Power, rack and pinion
SUSPENSION, FRONT	Coil-over-shock with stabilizer bar
SUSPENSION, REAR	Multi-link with coil springs, shocks and heavy-duty stabilizer bar
TIRES	Goodyear P265/60R17 all-season, V-rated, blackwall
TIRE PRESSURE MONITOR	CHECK TIRE PRESSURE will display in driver message center, spare tire includes sensor; must be programmed when mounted (see page 18)
TIRE, SPARE	Full-size spare, lockable with outside winch-type carrier mounted under frame at rear (includes TPM sensor - not programed)
TRAILERING EQUIPMENT	Not available on Police Package (PPV)
TRACTION CONTROL	Deactivated when Police Performance Mode is engaged
TRANSMISSION	Enhanced calibration 6-speed automatic with overdrive, electronically-controlled transmission provides protection against over-revving the engine in low gear and a mechanical low gear blockout is not required; if a driver manually selects low gear and fails to manually upshift to high gear, the powertrain control module automatically protects the drivetrain
WHEELS	17" x 7.5" heavy-duty black steel
WHEEL CENTER CAP	Polished finish bolt-on metal

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.

POWERTRAIN

ENGINE				TRANSMISSION		AXLE	
OPTION CODE	TYPE	DISPLACEMENT LITERS/CU. IN.	FUEL SYSTEM	OPTION CODE	TYPE	OPTION CODE	RATIO
LMG	V8	5.3/325	Active fuel management FlexFuel[2] (gas or E85 ethanol)	MXO/MYC	6L80 6-speed auto. with OD	GU4	3.08

EMISSIONS - MUST BE SPECIFIED

FE9	FEDERAL EMISSIONS. Use for ordering vehicles that will be registered in all states except California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State
YF5	CALIFORNIA EMISSIONS. Use for ordering vehicles that will be registered in California.
NE1	CT/ME/MD/MA/NJ/NY/OR/PA/RI/VT/WA EMISSIONS. Use for ordering vehicles that will be registered in Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont or Washington State
NB8	Required when option code FE9 "Federal emissions" is ordered for delivery to a dealer located in California, Connecticut, Delaware, Massachusetts, Maryland, New Jersey, New York, Oregon, Pennsylvania, Rhode Island and Washington State for a purchaser who will be registering the vehicle outside California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State.
NC7	Required when option code YF5 "CALIFORNIA EMISSIONS" or option code NE1 "CT/DE/ME/MD/MA/NJ/NM/NY/OR/PA/RI/VT/WA EMISSIONS" is ordered for delivery to a dealer located in any state except California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington for a purchaser who will be registering the vehicle in one of these states or sold as permitted below under "EPA Policy on the Sale of California Emission Vehicles"
NB9	Required when option code YF5 is ordered for delivery to a dealer located in Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington. Required when option code NE1 is ordered for delivery to a dealer located in California.

NOTE: The 2014 Chevrolet Tahoe Police Patrol Vehicle and Special Service Vehicle with the 5.3L Engine (LMG) with Emission Option Codes NE1 and YF5 is certified to EPA Tier 2 Bin 4 standards and qualifies as ULEV (Ultra Low Emission Vehicle) under California Air Resources Board (CARB) requirements, meaning it is 50-state certified when ordered with NE1 or YF5. Emission Option Code FE9 (Federal) is Federal-only certified and not intended for registration in Arizona, California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont or Washington State.
Emission Standard: BIN4 (for Option Code NE1 or YF5), BIN5 (for Option Code FE9)
EPA engine family or test group: EGMXT05.3381 (for Option Code NE1 or YF5), EGMXT05.3373 (for Option Code FE9)

TIRES - SPEED RATED

MANUFACTURER	QUANTITY	SIZE	SPEED RATING	TYPE
GOODYEAR	5	P265/60R17	V	All season BW

NOTE: Due to specific requirements for performance durability and safety, GM recommends only the original equipment tires for replacement
Tire Plys = Tread: 2 Polyester, 2 Steel, 2 Nylon Sidewall: 2 Polyster Total 8 Ply

Tire chains may be used with caution. See your owner's manual for specific recommendations regarding conditions. If the vehicle is equipped with a P265/60R17 tire size use tire chains only where legal and only when necessary. Use low profile chains that add no more than 12 mm thickness to the tire tread and inner sidewall. Use chains that are the proper size for the tires. Install them on the tires of the rear axle. Don't use chains on the tires of the front axle. Tighten them as tightly as possible with the ends securely fastened. Drive slowly and follow the chain manufacturer's instructions. If the chains contact the vehicle, stop and retighten them. If the contact continues, slow down until it stops. Driving too fast or spinning the wheels with chains on will damage the vehicle.

SEATS AND INTERIOR TRIM

		SEAT OPTIONS	EBONY
STANDARD	Front: cloth bucket with NO center console (power driver and passenger)	A95 and 9N5	19C
	Rear: vinyl 60/40 split-bench	5T5	
OPTIONAL	Front: cloth 40/20/40 split-bench (power driver side seat only)	AZ3	19C
	Rear: vinyl 60/40 split-bench	5T5	

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.

AVAILABLE EXTERIOR COLORS

GWT	GHA	89U	GAN	41U	GWU	50U
Champagne Silver Metallic	Mocha Steel Metallic	Crystal Red* Tintcoat	Silver Ice Metallic	Black	Concord Metallic (New)	Summit White

Actual colors may vary

**** Additional Charge***

SEO PAINT AVAILABLE

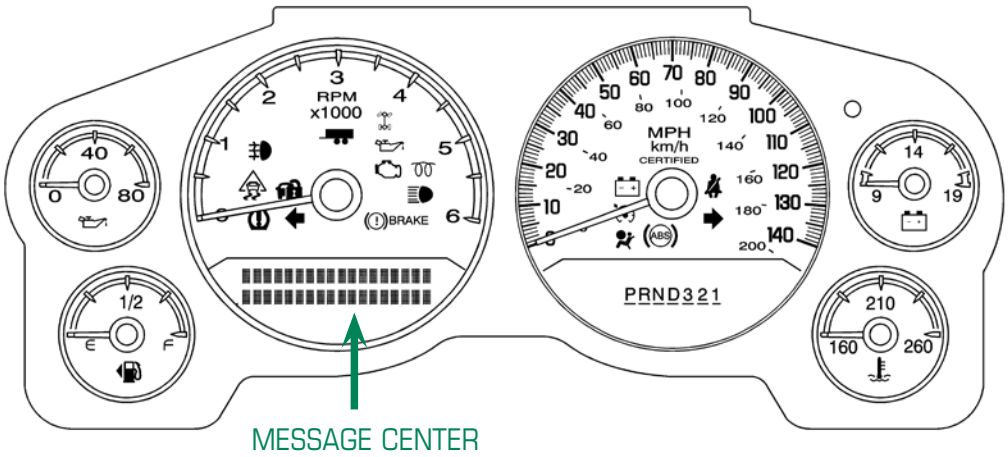
WA#	COLOR DESCRIPTION	SEO CODE
9260	Victory Red	5T4

ACTUAL COLOR MAY VARY

NOTE: • All normally body-colored non-sheet metal parts

• SEO paint orders that contain less than five vehicles will be delayed until five unit minimum is received for batch production

UNITED STATES CERTIFIED SPEEDOMETER/CLUSTER (CANADIAN SIMILAR)



CHANGE ENGINE OIL SOON	REPLACE BATTERY IN REMOTE KEY
CHECK TIRE PRESSURE (PRESS RESET) LF/RF/LR/RR	RIGHT REAR DOOR OPEN
	SERVICE AIR BAG
DRIVER DOOR OPEN	SERVICE BATTERY CHARGING SYSTEM
ENGINE HOT A/C TURNED OFF	ENGINE HOURS
ENGINE OIL LOW ADD OIL	SERVICE BRAKE SYSTEM
ENGINE OVERHEATED IDLE ENGINE	SERVICE BRAKES SOON
ENGINE OVERHEATED STOP ENGINE	SERVICE THEFT DETERRENT SYSTEM
ENGINE POWER IS REDUCED	SERVICE TIRE MONITOR SYSTEM
FUEL LEVEL LOW	TIGHTEN GAS CAP
HOOD OPEN	TIRE LEARNING ACTIVE
LEFT REAR DOOR OPEN	TRACTION CONTROL OFF
OIL PRESSURE LOW STOP ENGINE	TRANSMISSION HOT IDLE ENGINE
PASSENGER DOOR OPEN	TURN SIGNAL ON
REAR ACCESS OPEN	WASHER FLUID LOW ADD FLUID
REMOTE KEY LEARNING ACTIVE	

NOTE: The Tahoe Police Package and Special Service Package are not equipped with DIC buttons. The instrument cluster odometer trip stem is used to display the following messages: odometer, engine hours, trip odometer, tire pressure, remote keyless entry, relearn remote key, programming and DIC language.
See the Tahoe owner's manual for operation description.

SPEEDOMETER CERTIFICATION

2014 Tahoe police vehicle certified speedometer calibration. Specifications at ambient temperature of -10 to 120 degrees F (-23 to 49 Celsius). Inaccuracies due to vehicle speed sensing are included.

ACTUAL VEHICLE SPEED	INDICATED SPEED
0 TO 120 MPH	+/- 2 MPH
0 TO 193 KPH	+/- 3 KPH

The speedometer calibration is for the 5.3L engine, automatic transmission with a 3.08 axle and P265/60R17 V-rated tires

AVAILABLE OPTIONS WITH TAHOE PPV POLICE PACKAGE

K5T	**BATTERIES DUAL** - 660 CCA, 80-amp hour rating, parallel connected
B85	**BODY SIDE MOLDINGS** - On 4 doors
1LR	**BRAKE SYSTEM, CITY** - Uses base friction material that wears better at lower temperatures and city service. The city brakes are not optimal for track performance. The rotor does not have the radial drilled holes. The parts are physically interchangeable for service, however the parts should be substituted as complete four wheel sets
UTQ	**CONTENT THEFT ALARM DISABLE** - Flashing lamps and horn warning (This option is recommended for customers that do not intend on using keyless entry remote fobs)
9G8	**DELETE DAYTIME RUNNING LAMPS AND AUTOMATIC HEADLAMPS** - Exterior lamps are operated manually (see page 24 for description)
5T4	**EXTERIOR BODY COLORED PARTS** - Victory Red special painted exterior body parts in lieu of glossy Black color normally installed with special painted bodies, Victory Red painted parts will consist of front fascia, rear bumper fascia, rear liftgate license plate applique and rear liftgate handle, door handles and body side moldings. Mirrors, rear D-pillar applique and liftgate spoiler will remain Black. Requires SEO TGK special paint and special paint color WA9260 Victory Red. Includes RPO B85 body side moldings
6J7	**FLASHER SYSTEM HEADLAMPS AND TAIL LAMPS** - DRL compatible, headlamp flasher module with control wire and body control module rear lamp flashing (see page 27)
B30	**FLOOR COVERING** - Color keyed carpeting (includes rear cargo floor)
B58	**FLOOR MATS** - Color keyed carpeted front and 2nd row (not available with vinyl floor covering)
K05	**HEATER** - Engine block
PPV	**IDENTIFIER** - Police Package
6E2	**KEY COMMON** - Complete vehicle fleet, provides a single key cut with a specific code that is common to the door lock and ignition of all the vehicles in the vehicle fleet; this key code is an alternate to SEO 6E8 key common, complete vehicle fleet; not compatible with 2005 and earlier Impalas, 2006 and earlier Tahoes and 2011 and later Caprice
6E8	**KEY COMMON** - Complete vehicle fleet, provides a single key cut with a specific code that is common to the door lock and ignition of all the vehicles in the vehicle fleet; this key code is an alternate to SEO 6E2 key common, complete vehicle fleet; not compatible with 2005 and earlier Impalas, 2006 and earlier Tahoes and 2011 and later Caprice
AMF	**KEYLESS ENTRY TRANSMITTERS** - Fleet Package includes 6 additional transmitters. Transmitters are not programmed. Each transmitter, including the two standard with the vehicle, must be programmed together by a dealer at customer expense. Transmitter programming is not a warranty item. See also your owner's manual supplement for programming information. (see also page 25 for customer programming of transmitters using the vehicle Driver Information Center procedure) NOTE: Vehicle specific, common fleet transmitter frequency not available
G80	**LOCKING DIFFERENTIAL** - Heavy-duty
TRW	**PROVISION FOR ROOF MOUNTED LAMP** - Overhead console mounted switch and wiring to the roof; upfitter to install and connect a roof mounted warning lamp; instructions provided in owner's manual supplement (see page 25)
6N6	**REAR DOOR LOCKS INOPERATIVE** - Rear power locks are inoperable at rear door but operate from drivers position (see page 25)
6B2	**REAR DOOR HANDLES INOPERATIVE** - Rear door inoperative; doors can be opened only from outside (see page 25)
6N5	**REAR DOOR WINDOW SWITCHES INOPERATIVE** - Rear windows only operate from drivers position (see page 25)
AP3	**REMOTE VEHICLE STARTER SYSTEM** - Includes remote keyless entry
5T5	**SEATS** - Front cloth with vinyl rear seat (see page 4)
TGK	**SPECIAL PAINT SOLID** - One color all normally body-colored non-sheet metal parts will be gloss Black. This includes front and rear facias, liftgate handle and applique, D-pillars and upper liftgate applique. Mirrors and door handles will be grained Black parts. B85 body-side moldings are not available except with SEO option 5T4 exterior body-colored parts. May require extended lead time. Required with any SEO paint selection. May require extended lead time
7X6	**SPOTLAMP** - Left hand, separately fused (see page 26)
7X7	**SPOTLAMPS** - Left and right hand, separately fused (see page 26)
WX7	**WIRING** - For customer connection to front door and windshield pillar speakers. Front speakers are not connected to the vehicle radio; radio audio signals are routed to the rear speakers (see page 26)
6J3	**WIRING** - For grille lamps and siren speaker. (see page 27)
6J4	**WIRING** - For horn/siren circuit, in-line connection for customer furnished switch (see page 26)

For standard and optional illustrations see pages 23 through 27

Note: Factory installation of spotlamps are recommended. Special tooling is used to locate and drill the spotlamp shaft hole in the pillars as well as modifying the door edge for lamp shaft clearance. (Interior trim covers provided with factory installed lamps are not available as service parts). Field installation of spotlamps must not interfere with proper deployment of the roof rail airbag in the event of a crash

GENERAL

Model	CC10706
Drive	2-wheel

EXTERIOR (in./mm)

Wheelbase	116.0/2946
Overall length	202.0/5131
Overall width	79.0/2007
Overall height*	73.9/1877
Lift in height (load floor to ground)	30.3/770
Step height - (front door sill to ground)	20.4/517
Step height - (rear door sill to ground)	20.8/528
Step height - (front running board to ground)	12.1/307
Step height - (rear running board to ground)	12.5/317
Front track width	68.2/1732
Rear track width	67.0/1701
Turning diameter curb to curb (ft./m)	39.0/11.9
Ground clearance* (rear axle)	8.0/203

FRONT COMPARTMENT (in./mm)

Head room	41.1/1044
Shoulder room	65.2/1656
Hip room	60.3/1532
Leg room	41.3/1049

REAR COMPARTMENT (in./mm)

Head room	39.2/996
Shoulder room	65.2/1656
Hip room	60.6/1539
Leg room	39.0/991

CARGO

Load floor length to center of front seat at floor (in./mm)	81.4/2068
Load floor length to center of 2nd seat at floor (in./mm)	49.4/1255
Inside width between wheel house (in./mm)	49.1/1247
Cargo area height (in./mm)	41.7/1059
Cargo volume[3] maximum behind front seat (cu. ft./liters)	108.9/3084
Cargo volume[3] maximum behind second seat (cu. ft./liters)	60.3/1707

NOTE: For additional dimensional data go to: gmupfitter.com

PASSENGER COMPARTMENT VOLUME INDEX (cu.ft./liters)

Passenger compartment volume index[3]	121.8/ 3449

FUEL ECONOMY RATINGS CITY/HIGHWAY/COMBINED

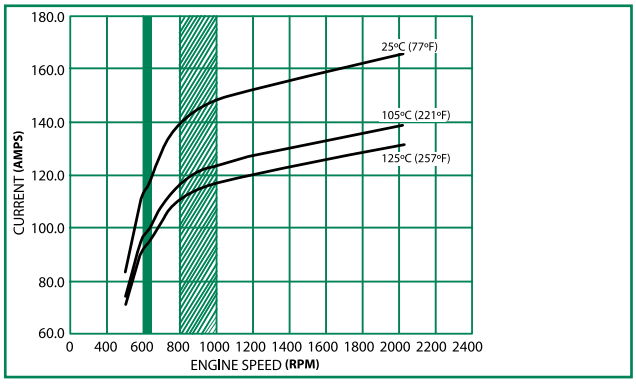
5.3L engine 2WD[4]	15/21/17

Projected EPA label values, actual mileage will vary with options, driving conditions, driving habits and vehicle's condition.

ALTERNATOR

Type		REMY DR44M
Amps	77°F (25°C)	160

TAHOE POLICE ALTERNATOR OUTPUT



NORMAL IDLE SPEED: 600-650 RPMS

COMPUTER CONTROLLED IDLE SPEED RANGE (PARK): 800-1000 RPM

ENGINE

	STD
Type	Vortec V8
Displacement: liters/cu. in.	5.3/325
Horsepower/rpm	320 @ 5400
Torque lb.-ft./rpm	335 @ 4000
Induction system	SFI
Compression ratio	9.9:1
Exhaust	Single
Minimum recommended fuel octane	87
Fuel tank capacity (gallons/liters)	26/98
Oil with filter (quarts/liters)	6.0/5.7
Cooling capacity (quarts/liters)	18.3/17.3

TRANSMISSION

Automatic electronic with overdrive	6-speed
Fluid pan removed and filter replaced (quarts/liters)	6.0/5.7

AXLE

Ratio	3.08

BRAKES

ABS with vacuum-boost	Disc/Disc
Front-swept area (sq. in./sq. cm)	256.6/1655
Rear-swept area (sq. in./sq. cm)	248/1600
Total front and rear swept area (sq. in./sq. cm)	504.6/3255
Front rotor diameter (in./mm)	13.0/330
Rear rotor diameter (in./mm)	13.5/343
Front rotor thickness (in./mm)	1.2/30
Rear rotor thickness (in./mm)	.79/20

TIRES

Type	Goodyear V-rated all-season
Size	P265/60R17

WHEELS

Type	Steel
Size	17" x 7.5"

CHASSIS

Frame	Full perimeter steel
Front suspension	Independent, single coil-over-shocks with stabilizer bar
Rear suspension	Multi-link with coil spring
Steering type	Power rack and pinion
Steering ratio	17.75:1

BATTERY

Type	Maintenance free
BCI group size	LN3
Volts	12
Amp hour rating	80
Cold cranking-amps @ 0°F (-18°C)	660
Reserve capacity @ 80°F (27°C)	135 minutes

VEHICLE WEIGHT (lbs./kg.)

GVWR[5]	6800/3084
Curb weight[10]	5285/2397
Payload[6] with bucket seats	1516/688

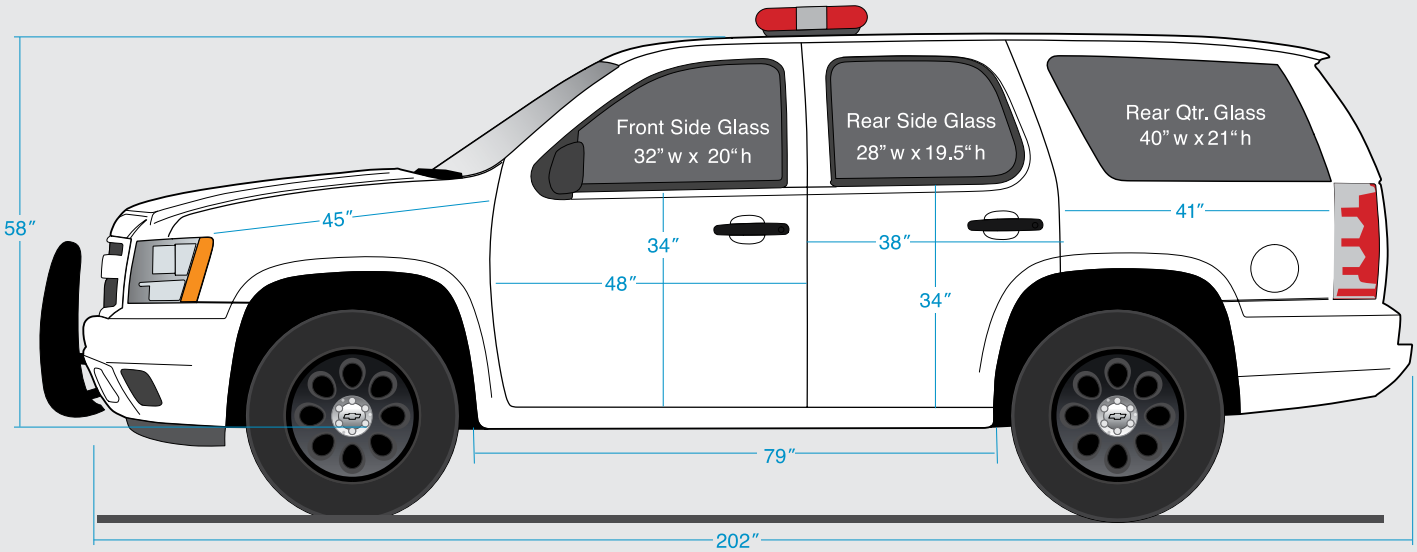
NOTE: See owner's manual supplement for loading information

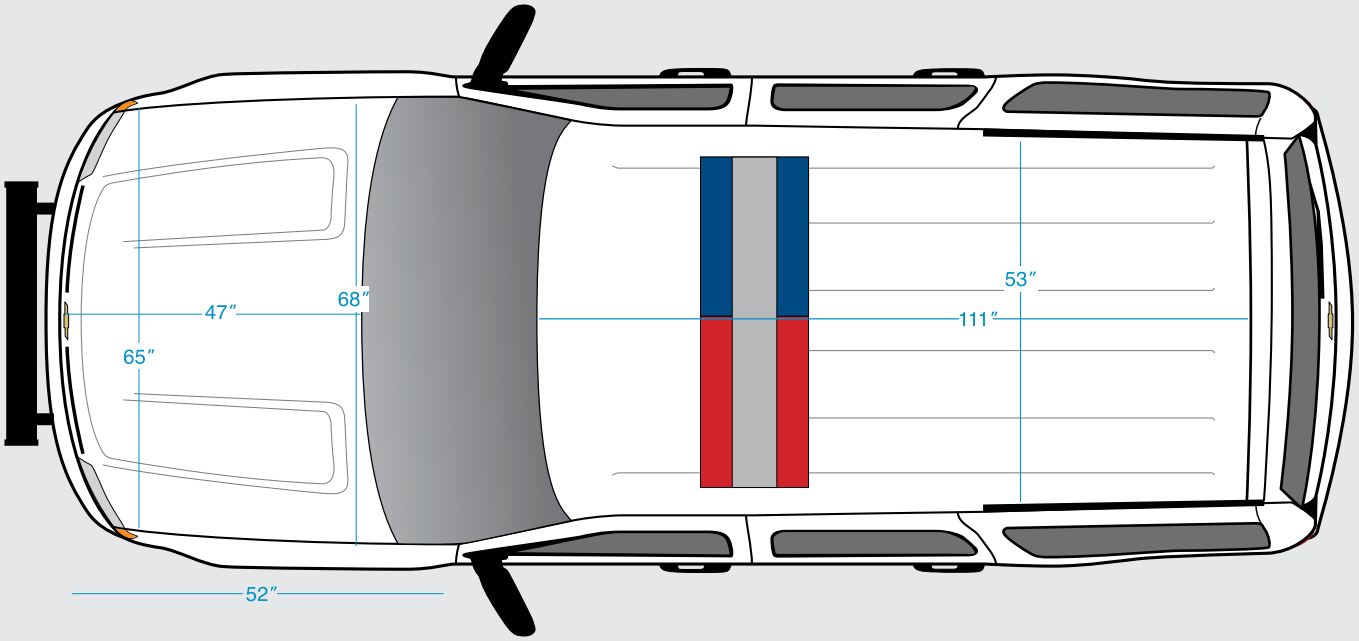
3. Cargo and load capacity limited by weight and distribution.
4. EPA-estimated MPG.
5. Gross Vehicle Weight Rating (GVWR). When properly equipped, includes vehicle, passengers, cargo and equipment.
6. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.
10. Curb weight in operational status with 100% fuel, fluids and standard base equipment (excludes optional content)

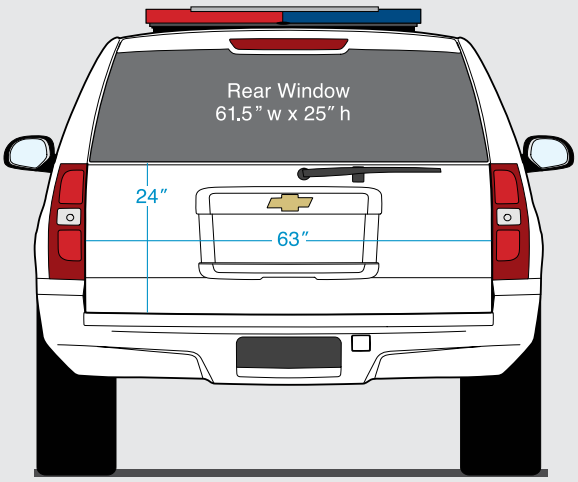
* Published dimensions indicated are at curb weight

TAHOE POLICE PPV AND SPECIAL SERVICES DIMENSIONS | 9

TAHOE POLICE PPV AND SPECIAL SERVICE PACKAGE







Estimated material sizes to wrap:

- Hood – 70″ x 52″
- Front Doors – 50″ x 36″
- Rear Doors – 40″ x 36″
- Roof – 114″ x 55″
- Rear hatch – 65″ x 26″

This information is intended for those who intend to install additional equipment to the police vehicle after it has left the factory, and for those who will be driving and loading the vehicle with passengers and/or cargo. Two labels on your vehicle show how much weight it was designed to carry, the Tire and Loading Information label and the Certification/Tire label. These labels are attached to your vehicle and give you the maximum load capacity, the Gross Vehicle Weight Rating (GVWR) and the Gross Axle Weight Rating (GAWR) for your vehicle. See "Vehicle Load Limits" in the owner manual Index for additional loading information.

The following guidelines can help you with proper loading and load distribution when installing additional equipment on the TahoePolice Package.

WARNING

DO NOT LOAD THE VEHICLE ANY HEAVIER THAN THE GROSS VEHICLE WEIGHT RATING (GVWR), OR EITHER THE MAXIMUM FRONT OR REAR GROSS AXLE WEIGHT RATING (GAWR). THIS CAN CAUSE SYSTEMS TO BREAK AND CHANGE THE WAY THE VEHICLE HANDLES. THIS COULD CAUSE LOSS OF CONTROL AND A CRASH. OVERLOADING CAN ALSO SHORTEN THE LIFE OF THE VEHICLE.

ADDING EQUIPMENT TO YOUR VEHICLE

Before adding accessories or equipment to your police vehicle, there are some things you need to know

- The police vehicle's maximum capacity weight (payload). The weight of your police vehicle, including a full tank of fuel but without a driver and passengers.
- The weight of items you plan on adding to your police vehicle, like roof mounted light bar(s), push bumpers, security barrier(s), rear storage organizer, highway flares, fire extinguishers, weapons, ammunition, radios, and video equipment.
- The weight and number of passengers you intend to carry in your vehicle.
- The total weight of any additional cargo you intend to carry in your vehicle.

When planning your vehicle equipment installation remember not to exceed the Gross Vehicle Weight Rating (GVWR) or the Gross Axle Weight Rating (GAWR) of the front or rear axles. To keep the available load weight less than the vehicle capacity weight, you may need to limit the number of passengers you carry in your vehicle or change your choice of additional equipment.

CENTER OF GRAVITY (CG)

A vehicle's center of gravity is an imaginary location inside the vehicle and is a balance point for the vehicle mass as it moves down the road. The police vehicle's center of gravity, before you add a load and passengers, is approximately midway between the center of the axles, up from the ground to just below the front window, and between the driver and passenger. Equipment location and weight on the vehicle's center of gravity is important to keep in mind when planning an installation. Heavy equipment should be positioned as low and as far forward in the rear load compartment as possible. Try to mount the equipment below the bottom of the side windows. Refer to the Loading Zone chart and diagram to help with your installation plan.

A procedure to make the necessary measurements and formulas to calculate the vehicle longitudinal, lateral and vertical position of the center of gravity can be found in the GM Coachbuilders Manual.

Equipment required to conduct the measurements for calculating the center of gravity are:

- Weight scales of sufficient capacity to measure the vehicle weight at each wheel.
- A post type hoist or other means to safely elevate the front of the vehicle to at least an angle of 20 degrees above horizontal.

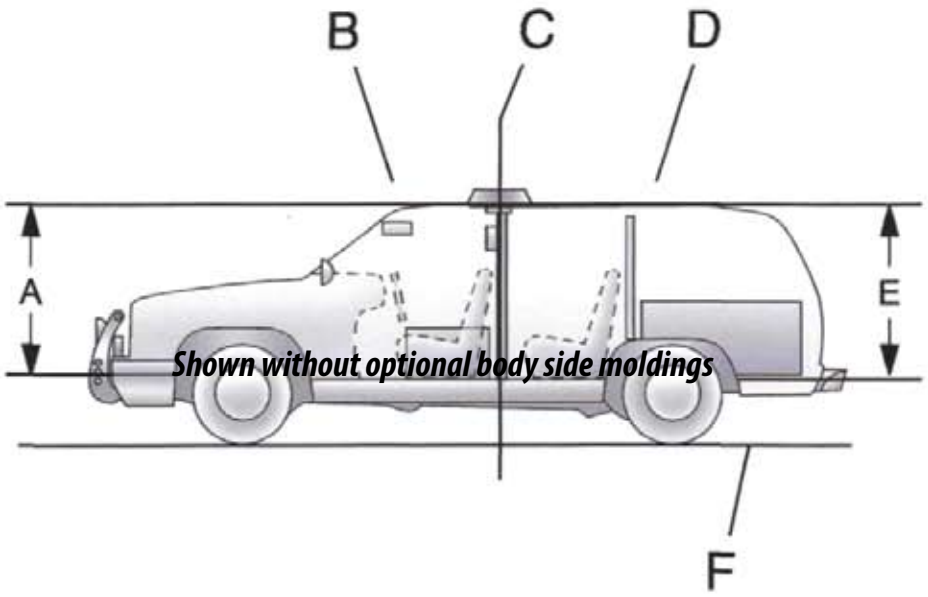
See your GM dealer to get more information about this coachbuilder procedure.

Keeping the center of gravity midway between the axles is also important to provide proper braking performance. About half the total vehicle weight on each axle is recommended.

Weigh your vehicle after the additional equipment has been installed to determine the actual weight of your vehicle. Weigh the vehicle with a full tank of fuel and without passengers. You may need to put a limit on how many people or other equipment you can carry inside your vehicle after the additional equipment has been installed.

Note: See loading zone weight chart and diagram on page 11

Loading zone for customer installed equipment and cargo without passengers



Shown without optional body side moldings

A. Front Floor to Roof Zone Area

B. Front Roof Zone Area

C. Back of Front Door

D. Rear Roof Zone Area

E. Rear Floor to Roof Zone Area

F. Ground

Loading Zone Weight Chart – Tahoe Police Package (PPV)

Loading Zones	Front Axle Weight	Rear Axle Weight	Total
Roof	37 lbs (17 kg)	51 lbs (23 kg)	88lbs (40 kg)
Floor to Roof	133 lbs (60 kg)	529 lbs (240 kg)	662 lbs (300 kg)
Total	170 lbs (77 kg)	580 lbs (263 kg)	750 lbs (340 kg)

Using heavier suspension components to get added durability might not change your weight ratings. Ask your dealer to help you load your vehicle the right way.

CHEVROLET
POLICE
VEHICLES
GMFLEET.COM

Shown with aftermarket equipment

Shown with aftermarket equipment

Shown with optional bucket seats

UPDATES FOR 2014

NEW FEATURES

- CONCORD METALLIC (GWU)

DELETED

- BLUE RAY METALLIC (GXH)
- BLACK GRANITE METALLIC (58U)
- SPECIALTY PAINT WHEATLAND YELLOW (253A)
- SPECIALTY PAINT DARK TOREADOR RED (334D)
- SPECIALTY PAINT DARK BLUE METALLIC (722J)
- SPECIALTY PAINT BLUE (5665)
- SPECIALTY PAINT GREEN (7941)
- SPECIALTY PAINT WOODLAND GREEN (9015)
- SPECIALTY PAINT YELLOW (9414)

NOTE: THIS VEHICLE IS NOT DESIGNED NOR INTENDED FOR USE IN HIGH SPEED EMERGENCY VEHICLE OPERATIONS GM RESTRICTS THE SALE OF POLICE VEHICLES AND THEY ARE NOT TO BE SOLD TO RETAIL CUSTOMERS.

MODEL AVAILABILITY

CK10706	4-wheel drive

STANDARD EQUIPMENT SUMMARY

WARRANTY	3 years / 36,000 mile bumper-to-bumper (whichever comes first, see dealer for details) 5 years / 100,000 mile limited powertrain (whichever comes first, see dealer for details)

INTERIOR FEATURES

AIR CONDITIONING	Dual-zone manual climate control with individual climate settings for driver and front passenger; includes auxiliary rear air conditioning and heat (rear operated from front control only)
ASSIST HANDLES	Front passenger and second row outboard; front passenger assist handle is deleted when passenger side spotlamp is ordered
BLUETOOTH	Not available
COMPASS	Standard; displayed in Driver Information Center
CONSOLE, OVERHEAD	Includes map lamps
CRUISE CONTROL	Electronic with set and resume speed
DOME LAMPS	Dome lamps, cargo lamp with sustained lamps feature and map lamps (see page 24 interior/exterior lamp control to turn off dome light)
FLOOR COVERING	Black vinyl floor and load floor behind second row
GLASS	Deep tinted (all windows except light-tinted glass on windshield, driver and front passenger side glass)
GLOVE BOX	Locking door, no light
MIRROR	Inside rearview manual day/night
NAVIGATION SYSTEM	Not available
ONSTAR	Not available
OUTSIDE TEMP. DISPLAY	Standard; displayed in Driver Information Center
RADIO	AM/FM stereo with MP3 compatible CD player, seek-and-scan, digital clock, auto-tone control, Radio Data System (RDS), speed-compensated volume and theftlock
RESTRAINT SYSTEM	**Tahoe received an overall 5-star frontal and side crash test rating from NHTSA[12].** Safety belts, driver and front passenger with pretensioners, dual stage driver and passenger frontal air bags[1], passenger sensing system and frontal air bag[1] ON/OFF indicator, rollover sensor, dual head curtain air bags[1] for front and rear outboard occupants and front seat back mounted thorax-pelvic air bags[1]
SEAT, FRONT	Cloth 40/20/40 split-bench 3-passenger, includes 6-way power driver seat adjuster (power passenger seat is not available) with manual lumbar, driver and passenger manual reclining, outboard head restraints, center fold-down storage armrest and rear storage pockets (see page 14). Bucket seats available, see A95 page 17
SEAT, REAR	Vinyl split-folding 60/40 bench with outboard seating position headrests, 3rd seat not available (see page 14)
SPEEDOMETER/CLUSTER	120 mph analog speedometer and digital trip odometer with gages for engine oil pressure, fuel, battery volts and coolant temperature. Driver Information Center displays engine hours, warnings and other information (see message listing on page 16)
STEALTH MODE	See exterior lamps control on page 24 for operation description
STEERING WHEEL	Tilt-wheel with column mounted gear shift lever
THEFT DETERRENT SYSTEM	Vehicle PASS-Key® III+ and content theft (unauthorized entry sounds horn and lamps flash). For Content Theft Alarm disable option UTQ must be ordered (see page 19)
VISORS	Padded with cloth trim, extends on rod; driver and front passenger illuminated vanity mirrors
WARNING TONES	Headlamp on, key-in-ignition, driver and right-front passenger safety belt unfasten and turn signal on
WINDOW OPERATION	Power with driver express-down and lockout features

ELECTRICAL FEATURES

AUXILIARY POWER, FRONT	100-amp ignition and main power supply wiring at lower center of instrument panel (see wiring provisions for 12-volt battery power supply on page 23)
AUXILIARY POWER, REAR	100-amp auxiliary power in cargo area (see page 23)
GROUND STUDS	Two studs located in rear compartment near bottom of liftgate opening (see page 23)
LOCK-OUT PROTECTION	Prevents the power door locks from locking the driver's door if the keys are left in the ignition (manually lockable with engine running)
POWER OUTLETS	Two 12 volt, 20 amp located on Instrument panel and one 12 volt, 20 amp in cargo area. Battery power is present at all times
WIRING DIAGRAMS	See pages 28 through 31 for description; also see Tahoe Police Package owner's manual supplement (located in glove box folder with standard owner's manual)
WIRING PROVISION, EXTERIOR LAMPS FLASHING	Forward lamp harness in-line connector for Exterior Lamps Flashing System (see option 6J7 on page 19)

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

12. Model tested with standard head curtain side-impact air bags (SABs). Government 5-Star Safety ratings are part of the National Highway Traffic Safety Administration's (NHTSA's) New Car Assessment Program (www.SaferCar.gov).

EXTERIOR FEATURES

ASSIST STEPS	Black, mounted between front and rear wheels
BODY SIDE MOLDINGS	Optional (see option B85 on page 19)
DEFOGGER	Electric, rear window
DOOR HANDLES	Matte Black
DOOR LOCKS	Power, non-programmable with lockout protection, and automatic door locking and unlocking, door lock cylinder no longer available on passenger front door and rear liftgate; child safety locks included in rear doors
FASCIA, FRONT	Color - keyed
FASCIA, REAR	Color - keyed with step pad
FOG LAMPS	Not available
HEADLAMPS	Dual halogen composite with flash-to-pass feature, automatic exterior lamp control and daytime running lamps (to delete automatic lamp control, see option 9G8 on page 17)
HORNS	Dual note
KEYLESS ENTRY	Includes two transmitters with non-functional panic button; stealth mode feature includes exterior lamps and horn disable; if remote start Option AP3 is included, running lamps will remain illuminated (additional transmitters are available; see option AMF on page 19)
KEYS	Two-sided random code, for ignition and driver door only
LUGGAGE RACK	Not available
MIRRORS	Outside heated power-adjustable, manual-folding, Matte Black
REAR LIFTGATE	Liftgate/liftglass with washer and wiper, power liftgate not available and no lock cylinder on liftgate
RECOVERY HOOKS	Two front
UNDER HOOD LAMP	Not available
WINDSHIELD WIPERS	Intermittent with washer

CHASSIS FEATURES

AIR CLEANER	High-capacity
ALTERNATOR	160-amp with idle boost (transmission in PARK or NEUTRAL) based on battery energy level
BATTERY	660 CCA, 80-amp hour rating with battery rundown protection (does not protect customer installed equipment)
BRAKES	4-wheel anti-lock front and rear disc with vacuum boost power assist
COOLING	Heavy-duty high capacity radiator, electric fans and extended life coolant; coolant hoses are EPDM (ethylene-propylene-diene monomer) rubber; silicone hoses are not required (coolant is DEX-COOL good for 5 years/150,000 miles, protects from -34° F to +265° F and against rust and corrosion)
ENGINE	Vortec 5300 V8 SFI with variable valve timing (VVT), active fuel management (AFM), FlexFuel[2] (capable of running on gasoline or E85 ethanol; mixtures) top speed fuel cutoff at 98 MPH
FRAME	Full perimeter modular with hydroformed frame rails
FUEL TANK CAPACITY	26 gallon (98 liters)
OIL COOLERS	Engine and transmission auxiliary air-to-oil and power steering (see page 24 for description)
RADIO SUPPRESSION	Grounding straps at five additional locations (see page 23 for location)
SPARK PLUGS	Extended life - iridium tip
STABILITRAK	Stability enhancement system. An advanced computer controlled system that assists the driver with directional control of the vehicle in difficult driving conditions. Each time the vehicle is started, the StabiliTrak system is fully on. StabliliTrak can be controlled by a StabiliTrak button on the instrument panel located below the air conditioning fan control (see page 24). The condition of the system is displayed by an instrument panel StabiliTrak indicator light and Driver Information Center (DIC) Messages. Push once, Traction Control is off, push and hold five seconds Traction Control and StabiliTrak is off, push again and Traction Control and StabiliTrak are turned back on
STEERING	Power, rack and pinion
SUSPENSION, FRONT	Coil-over-shock with stabilizer bar
SUSPENSION, REAR	Multi-link with coil springs with stabilizer bar
TIRES	P265/70R17 all-season SBR
TIRE PRESSURE MONITOR	CHECK TIRE PRESSURE will display in driver message center (no spare tire sensor)
TIRE, SPARE	Full-size spare, lockable with outside winch-type carrier mounted under frame at rear (TPM sensor not included)
TRAILERING EQUIPMENT	Heavy-duty, includes trailering hitch platform, 7-wire harness with independent fused trailering circuits mated to a 7-way sealed connector, VR4 2-inch trailering receiver and electric brake controller jumper harness
TRANSFER CASE	Electronic autotrac
TRANSMISSION	6-speed automatic with overdrive and tow/haul mode, electronically-controlled transmission provides protection against over-revving the engine in low gear and a mechanical low gear blockout is not required; if a driver manually selects low gear and fails to manually upshift to high gear, the powertrain control module automatically protects the drivetrain
WHEELS	17" x 7.5" argent steel
WHEEL CENTER CAP	Argent, retained to wheel lugnuts

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.

POWERTRAIN

ENGINE				TRANSMISSION		AXLE	
OPTION CODE	TYPE	DISPLACEMENT LITERS/CU. IN.	FUEL SYSTEM	OPTION CODE	TYPE	OPTION CODE	RATIO
LMG	V8	5.3/325	Active fuel management FlexFuel[2] (gas or E85 ethanol)	MXO/MYC	6L80 6-speed auto. with OD	GU6	3.42

EMISSIONS - MUST BE SPECIFIED

FE9	FEDERAL EMISSIONS. Use for ordering vehicles that will be registered in all states except California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State
YF5	CALIFORNIA EMISSIONS. Use for ordering vehicles that will be registered in California.
NE1	CT/ME/MD/MA/NJ/NY/OR/PA/RI/VT/WA EMISSIONS. Use for ordering vehicles that will be registered in Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont or Washington State
NB8	Required when option code FE9 "Federal emissions" is ordered for delivery to a dealer located in California, Connecticut, Delaware, Massachusetts, Maryland, New Jersey, New York, Oregon, Pennsylvania, Rhode Island and Washington State for a purchaser who will be registering the vehicle outside California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State.
NC7	Required when option code YF5 "CALIFORNIA EMISSIONS" or option code NE1 "CT/DE/ME/MD/MA/NJ/NM/NY/OR/PA/RI/VT/WA EMISSIONS" is ordered for delivery to a dealer located in any state except California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington for a purchaser who will be registering the vehicle in one of these states or sold as permitted below under "EPA Policy on the Sale of California Emission Vehicles"
NB9	Required when option code YF5 is ordered for delivery to a dealer located in Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington. Required when option code NE1 is ordered for delivery to a dealer located in California.

NOTE: The 2014 Chevrolet Tahoe Police Patrol Vehicle and Special Service Vehicle with the 5.3L Engine (LMG) with Emission Option Codes NE1 and YF5 is certified to EPA Tier 2 Bin 4 standards and qualifies as ULEV (Ultra Low Emission Vehicle) under California Air Resources Board (CARB) requirements, meaning it is 50-state certified when ordered with NE1 or YF5. Emission Option Code FE9 (Federal) is Federal-only certified and not intended for registration in Arizona, California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont or Washington State.
Emission Standard: BIN4 (for Option Code NE1 or YF5), BIN5 (for Option Code FE9)
EPA engine family or test group: EGMXT05.3381 (for Option Code NE1 or YF5), EGMXT05.3373 (for Option Code FE9)

TIRES - SPEED RATED

MANUFACTURER	QUANTITY	SIZE	SPEED RATING	TYPE
Random	5	P265/70R17	S	All season BW

NOTE: Optional on/off-road tire is available (see option 4JP on page 19)
Tire Plys = Tread: 2 Polyester, 2 Steel, 1 Nylon Sidewall: 2 Polyster Total 7 Ply
Tire chains may be used with caution. See your owner's manual for specific recommendations regarding conditions. If the vehicle is equipped with a P265/60R17 tire size use tire chains only where legal and only when necessary. Use low profile chains that add no more than 12 mm thickness to the tire tread and inner sidewall. Use chains that are the proper size for the tires. Install them on the tires of the rear axle. Don't use chains on the tires of the front axle. Tighten them as tightly as possible with the ends securely fastened. Drive slowly and follow the chain manufacturer's instructions. If the chains contact the vehicle, stop and retighten them. If the contact continues, slow down until it stops. Driving too fast or spinning the wheels with chains on will damage the vehicle.

SEATS AND INTERIOR TRIM

		SEAT OPTIONS	EBONY
STANDARD	Front: cloth 40/20/40 split-bench (power driver side seat only) Rear: vinyl 60/40 split-bench	AZ3 5T5	19C
OPTIONAL	Front: cloth buckets with center console (power driver and passenger seat) Rear: vinyl 60/40 split-bench	A95 5T5	19C
OPTIONAL	Front: cloth buckets without center console (power driver and passenger seat) Rear: vinyl 60/40 split-bench	A95 and 9N5 5T5	19C

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.

AVAILABLE EXTERIOR COLORS

GWT	GHA	89U	GAN	41U	GWU	50U
Champagne Silver Metallic	Mocha Steel Metallic	Crystal Red* Tintcoat	Silver Ice Metallic	Black	Concord Metallic (New)	Summit White

Actual colors may vary

**** Additional Charge***

SEO PAINT AVAILABLE

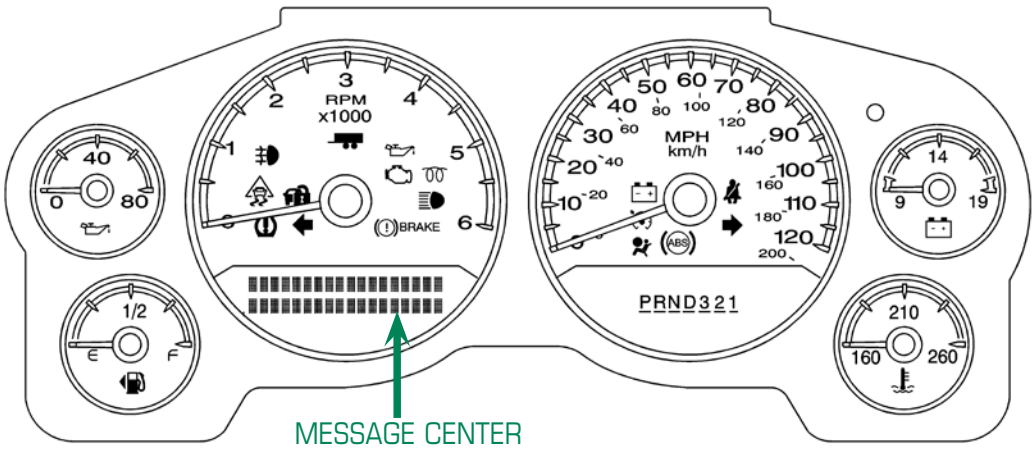
WA#	COLOR DESCRIPTION	CODE
9260	Victory Red	5T4

ACTUAL COLOR MAY VARY

NOTE: • All normally body-colored non-sheet metal parts

• SEO paint orders that contain less than five vehicles will be delayed until five unit minimum is received for batch production

UNITED STATES SPEEDOMETER/CLUSTER (CANADIAN SIMILAR)



CHANGE ENGINE OIL SOON	SERVICE AIR BAG
CHECK TIRE PRESSURE (PRESS RESET) LF/RF/LR/RR	SERVICE BATTERY CHARGING SYSTEM
	ENGINE HOURS
DRIVER DOOR OPEN	SERVICE BRAKE SYSTEM
ENGINE HOT A/C TURNED OFF	SERVICE BRAKES SOON
ENGINE OIL LOW ADD OIL	SERVICE THEFT DETERRENT SYSTEM
ENGINE OVERHEATED IDLE ENGINE	SERVICE TIRE MONITOR SYSTEM
ENGINE OVERHEATED STOP ENGINE	SERVICE TRACTION CONTROL
ENGINE POWER IS REDUCED	SERVICE STABILITRAK
FUEL LEVEL LOW	STABILITRAK OFF
HOOD OPEN	SERVICE 4-WHEEL DRIVE
LEFT REAR DOOR OPEN	TIGHTEN GAS CAP
OIL PRESSURE LOW STOP ENGINE	TIRE LEARNING ACTIVE
PASSENGER DOOR OPEN	TRACTION CONTROL OFF
REAR ACCESS OPEN	TRANSMISSION HOT IDLE ENGINE
REMOTE KEY LEARNING ACTIVE	TURN SIGNAL ON
REPLACE BATTERY IN REMOTE KEY	WASHER FLUID LOW ADD FLUID
RIGHT REAR DOOR OPEN	

NOTE: The Tahoe Police Package and Special Service Package are not equipped with DIC buttons. The instrument cluster odometer trip stem is used to display the following messages: odometer, engine hours, trip odometer, tire pressure, remote keyless entry, relearn remote key, programming and DIC language.
See the Tahoe owner's manual for operation description.

AVAILABLE OPTIONS WITH TAHOE 5W4 SPECIAL SERVICE PACKAGE

K5T	**BATTERIES, DUAL** - 660 CCA, 80-amp hour rating, parallel connected
B85	**BODY SIDE MOLDINGS** - On 4 doors
JL1	**BRAKE CONTROLLER** - Integrated trailer
9G3	**CHASSIS PACKAGE OFF-ROAD SUSPENSION** - (Requires QJP tire and includes NZZ skid plates, K47 high capacity air cleaner, no Z71 decal)
9N5	**CONSOLE DELETE** - Between seats (Requires A95)
UTQ	**CONTENT THEFT ALARM DISABLE** - Flashing lamps and horn warning
9G8	**DELETE DAYTIME RUNNING LAMPS AND AUTOMATIC HEADLAMPS** - Exterior lamps are operated manually (see page 24)
5T4	**EXTERIOR BODY COLORED PARTS** - Victory Red special painted exterior body parts in lieu of glossy Black color normally installed with special painted bodies, Victory Red painted parts will consist of front fascia, rear bumper fascia, rear liftgate license plate applique and rear liftgate handle, door handles and body side moldings. Mirrors, rear D-pillar applique and liftgate spoiler will remain Black. Requires SEO TGK special paint and special paint color WA9260 Victory Red. Includes RPO B85 body side moldings
6J7	**FLASHER SYSTEM HEADLAMPS AND TAIL LAMPS** - DRL compatible, headlamp flasher module with control wire and body control module rear lamp flashing (see page 27)
B30	**FLOOR COVERING** - Color keyed carpeting (includes rear cargo floor)
B58	**FLOOR MATS** - Color keyed carpeted front and 2nd row (not available with vinyl floor covering)
K05	**HEATER** - Engine block
5W4	**IDENTIFIER** - Special Service Package
6E2	**KEY COMMON** - Complete vehicle fleet, provides a single key with a specific code that is common to the door lock and ignition of all the vehicles in the vehicle fleet; key code is an alternate to SEO 6E8 key common, complete vehicle fleet; not compatible with 2005 and earlier Impalas, 2006 and earlier Tahoes and 2011 and later Caprice
6E8	**KEY COMMON** - Complete vehicle fleet, provides a single key with a specific code that is common to the door lock and ignition of all the vehicles in the vehicle fleet; key code is an alternate to SEO 6E2 key common, complete vehicle fleet; not compatible with 2005 and earlier Impalas and 2006 and earlier Tahoes and 2011 and later Caprice
AMF	**KEYLESS ENTRY TRANSMITTERS** - Fleet Package includes 6 additional transmitters. Transmitters are not programmed. Each transmitter, including the two standard with the vehicle, must be programmed together by a dealer at customer expense. Transmitter programming is not a warranty item. See also your owner's manual supplement for programming information. (see also page 25 for customer programming of transmitters using the vehicles Driver Information Center procedure) NOTE: Vehicle specific, common fleet transmitter frequency not available
G80	**LOCKING DIFFERENTIAL**
TRW	**PROVISION FOR ROOF MOUNTED LAMP** - Overhead console mounted switch and wiring to the roof; upfitter to install and connect a roof mounted warning lamp; instructions provided in owner's manual supplement (see page 25)
6B2	**REAR DOOR HANDLES INOPERATIVE** - Rear door inoperative; doors can be opened only from outside (see page 25)
6N6	**REAR DOOR LOCKS INOPERATIVE** - Rear power locks are inoperable at rear doors but operate form drivers position (see page 25)
6N5	**REAR DOOR WINDOW SWITCHES INOPERATIVE** - Rear window only operates from driver's position (see page 25)
AP3	**REMOTE VEHICLE STARTER SYSTEM** - Includes remote keyless entry
AZ3	**SEATS** - Front custom cloth 40/20/40 split-bench, power driver seat only (see page 16)
A95	**SEATS** - Front bucket with custom cloth, 6-way power with center console, to delete center floor console 9N5 must be ordered (see page 16)
5T5	**SEATS** - Front cloth with vinyl rear seat (see page 16)
NZZ	**SKID PLATES PACKAGE**
TGK	**SPECIAL PAINT SOLID** - One color all normally body-colored non-sheet metal parts will be gloss Black. This includes front and rear facias, liftgate handle and applique, D-pillars and upper liftgate applique. Mirrors and door handles will be grained Black parts. B85 body-side moldings are not available except with SEO option 5T4 exterior body-colored parts. May require extended lead time. Required with any SEO paint selection. May require extended lead time
7X6	**SPOTLAMP** - Left hand, separately fused (see page 26)
7X7	**SPOTLAMP** - Left and right hand, separately fused (see page 26)
4JP	**TIRE SPARE** - P265/70R17 on/off-road, blackwall (requires QJP tires)
QJP	**TIRES** - P265/70R17 on/off-road (for full-size spare tire 4JP must be ordered)
P46	**WHEELS** - Aluminum
WX7	**WIRING** - For customer connection to front door and windshield pillar speakers. Front speakers are not connected to the vehicle radio; radio audio signals are routed to the rear speakers (see page 26)
6J3	**WIRING** - For grille lamps and siren speaker (see page 27)
6J4	**WIRING** - For horn/siren circuit, in-line connection for customer furnished switch (see page 26)

For standard and optional illustrations see pages 23 though 27

Note: Factory installation of spotlamps are recommended. Special tooling is used to locate and drill the spotlamp shaft hole in the pillars as well as modifying the door edge for lamp shaft clearance. (Interior trim covers provided with factory installed lamps are not available as service parts). Field installation of spotlamps must not interfere with proper deployment of the roof rail airbag in the event of a crash

GENERAL

Model	CK10706
Drive	4-wheel

EXTERIOR (in./mm)

Wheelbase	116.0/2946
Overall length	202.0/5131
Overall width	79.0/2007
Overall height*	76.9/1953
Lift in height (load floor to ground)	32.6/828
Step height - (front door sill to ground)	22.3/567
Step height - (rear door sill to ground)	22.8/580
Step height - (front running board to ground)	14.0/356
Step height - (rear running board to ground)	14.5/369
Front track width	68.2/1732
Rear track width	67.0/1701
Turning diameter curb to curb (ft./m)	39.0/11.9
Ground clearance* - (front axel)	10.5/266.7
Ground clearance* - (rear axel)	9.1/231

FRONT COMPARTMENT (in./mm)

Head room	41.1/1044
Shoulder room	65.2/1656
Hip room	60.3/1532
Leg room	41.3/1049

REAR COMPARTMENT (in./mm)

Head room	39.2/996
Shoulder room	65.2/1656
Hip room	60.6/1539
Leg room	39.0/991

CARGO

Load floor length to center front seat at floor (in./mm)	81.4/2068
Load floor length to center 2nd seat at floor (in./mm)	49.4/1255
Inside width between wheel house (in./mm)	49.1/1247
Cargo area height (in./mm)	41.7/1059
Cargo volume[3] maximum behind front seat (cu. ft./liters)	108.9/3084
Cargo volume[3] maximum behind second seat (cu. ft./liters)	60.3/1707

NOTE: For additional dimensional data go to: gmupfitter.com

PASSENGER COMPARTMENT VOLUME INDEX (cu.ft./liters)

Passenger compartment volume index[3]	121.8/ 3449

FUEL ECONOMY RATINGS CITY/HIGHWAY/COMBINED

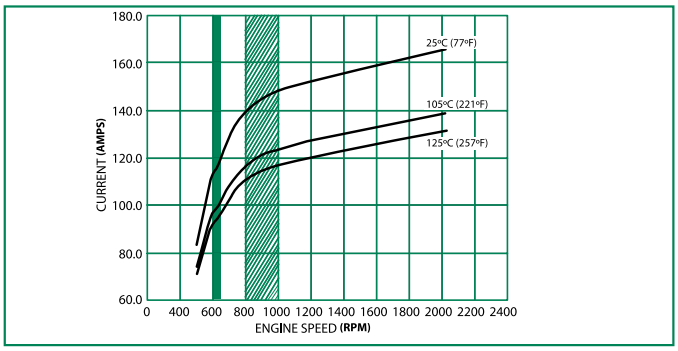
5.3L engine 4WD[4]	15/21/17

Projected EPA label values, actual mileage will vary with options, driving conditions, driving habits and vehicles condition.

ALTERNATOR

Type		REMY DR44M
Amps	77°F (25°C)	160

TAHOE POLICE ALTERNATOR OUTPUT



NORMAL IDLE SPEED: 600-650 RPMS

COMPUTER CONTROLLED IDLE SPEED RANGE (PARK): 800-1000 RPM

3. Cargo and load capacity limited by weight and distribution.
4. EPA-estimated MPG.
5. Gross Vehicle Weight Rating (GVWR). When properly equipped, includes vehicle, passengers, cargo and equipment.
6. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.

ENGINE

Type	Vortec V8
Displacement: liters/cu. in.	5.3/325
Horsepower/rpm	320 @ 5400
Torque lb.-ft./rpm	335 @ 4000
Induction system	SFI
Compression ratio	9.9:1
Exhaust	Single
Minimum recommended fuel octane	87
Fuel tank capacity (gallons/liters)	26/98
Oil with filter (quarts/liters)	6.0/5.7
Cooling capacity (quarts/liters)	18.3/17.3

TRANSMISSION

Automatic electronic with overdrive	6-speed
Fluid pan removed and filter replaced (quarts/liters)	6.0/5.7

AXLE

Ratio 4-wheel drive	3.42

BRAKES

ABS with vacuum boost	Disc/Disc
Front - swept area (sq. in./sq. cm)	256.6/1655
Rear - swept area (sq. in./sq. cm)	248/1600
Total front and rear swept area (sq. in./sq. cm)	504.6/3255
Front rotor diameter (in./mm)	13.0/330
Rear rotor diameter (in./mm)	13.5/343
Front rotor thickness (in./mm)	1.2/30
Rear rotor thickness (in./mm)	.79/20

TIRES

Type	S-Rated All Season
Size	P265/70R17

WHEELS

Type	Steel S-Rated All Season
Size	17" x 7.5"

CHASSIS

Frame	Full perimeter steel
Front suspension	Independent, single coil-over-shock with stabilizer bar
Rear suspension	Multi-link with coil spring
Steering type	Power rack and pinion
Steering ratio	17.75:1

BATTERY

Type	Maintenance free
BCI group size	LN3
Volts	12
Amp hour rating	80
Cold cranking-amps @ 0°F (-18°C)	660
Reserve capacity @ 80°F (27°C)	135 minutes

VEHICLE WEIGHT (lbs./kg.)

GVWR[5] 4-wheel drive	7300/3311
Curb weight[10]	5627/2552
Payload[6] with 40/20/40 split-bench seat	1673/759
GCWR (gross combination weight ratings)	14000/6350
Maximum trailer weight[7]	8200/3720

NOTE: See owner's manual supplement for loading information

7. Maximum trailer weight ratings are calculated assuming a base vehicle, except for any option(s) necessary to achieve the rating, plus driver. The weight of other optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow.
10. Curb weight in operational status with 100% fuel, fluids and standard base equipment (excludes optional content)

* Published dimensions indicated are at curb weight

This information is intended for those who intend to install additional equipment to the police vehicle after it has left the factory, and for those who will be driving and loading the vehicle with passengers and/or cargo. Two labels on your vehicle show how much weight it was designed to carry, the Tire and Loading Information label and the Certification/Tire label. These labels are attached to your vehicle and give you the maximum load capacity, the Gross Vehicle Weight Rating (GVWR) and the Gross Axle Weight Rating (GAWR) for your vehicle. See "Vehicle Load Limits" in the owner manual Index for additional loading information.

The following guidelines can help you with proper loading and load distribution when installing additional equipment on the TahoePolice Package.

WARNING

DO NOT LOAD THE VEHICLE ANY HEAVIER THAN THE GROSS VEHICLE WEIGHT RATING (GVWR), OR EITHER THE MAXIMUM FRONT OR REAR GROSS AXLE WEIGHT RATING (GAWR). THIS CAN CAUSE SYSTEMS TO BREAK AND CHANGE THE WAY THE VEHICLE HANDLES. THIS COULD CAUSE LOSS OF CONTROL AND A CRASH. OVERLOADING CAN ALSO SHORTEN THE LIFE OF THE VEHICLE.

ADDING EQUIPMENT TO YOUR VEHICLE

Before adding accessories or equipment to your police vehicle, there are some things you need to know

- The police vehicle's maximum capacity weight (payload). The weight of your police vehicle, including a full tank of fuel but without a driver and passengers.
- The weight of items you plan on adding to your police vehicle, like roof mounted light bar(s), push bumpers, security barrier(s), rear storage organizer, highway flares, fire extinguishers, weapons, ammunition, radios, and video equipment.
- The weight and number of passengers you intend to carry in your vehicle.
- The total weight of any additional cargo you intend to carry in your vehicle.

When planning your vehicle equipment installation remember not to exceed the Gross Vehicle Weight Rating (GVWR) or the Gross Axle Weight Rating (GAWR) of the front or rear axles. To keep the available load weight less than the vehicle capacity weight, you may need to limit the number of passengers you carry in your vehicle or change your choice of additional equipment.

CENTER OF GRAVITY (CG)

A vehicle's center of gravity is an imaginary location inside the vehicle and is a balance point for the vehicle mass as it moves down the road. The police vehicle's center of gravity, before you add a load and passengers, is approximately midway between the center of the axles, up from the ground to just below the front window, and between the driver and passenger. Equipment location and weight on the vehicle's center of gravity is important to keep in mind when planning an installation. Heavy equipment should be positioned as low and as far forward in the rear load compartment as possible. Try to mount the equipment below the bottom of the side windows. Refer to the Loading Zone chart and diagram to help with your installation plan.

A procedure to make the necessary measurements and formulas to calculate the vehicle longitudinal, lateral and vertical position of the center of gravity can be found in the GM Coachbuilders Manual.

Equipment required to conduct the measurements for calculating the center of gravity are:

- Weight scales of sufficient capacity to measure the vehicle weight at each wheel.
- A post type hoist or other means to safely elevate the front of the vehicle to at least an angle of 20 degrees above horizontal.

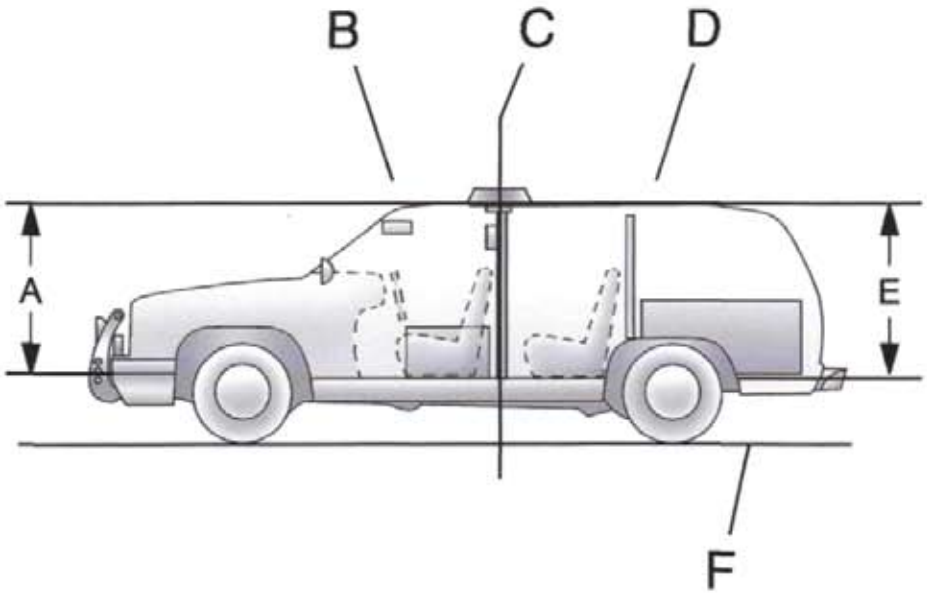
See your GM dealer to get more information about this coachbuilder procedure.

Keeping the center of gravity midway between the axles is also important to provide proper braking performance. About half the total vehicle weight on each axle is recommended.

Weigh your vehicle after the additional equipment has been installed to determine the actual weight of your vehicle. Weigh the vehicle with a full tank of fuel and without passengers. You may need to put a limit on how many people or other equipment you can carry inside your vehicle after the additional equipment has been installed.

Note: See loading zone weight chart and diagram on page 22

Loading zone for customer installed equipment and cargo without passengers



A. Front Floor to Roof Zone Area

B. Front Roof Zone Area

C. Back of Front Door

D. Rear Roof Zone Area

E. Rear Floor to Roof Zone Area

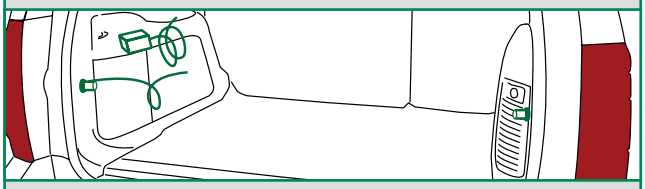
F. Ground

Loading Zone Weight Chart – Tahoe Special Service Package (5W4)

Loading Zones	Front Axle Weight	Rear Axle Weight	Total
Roof	38 lbs (17 kg)	52 lbs (24 kg)	90 lbs (41 kg)
Floor to Roof	137 lbs (62 kg)	546 lbs (248 kg)	683 lbs (310 kg)
Total	175 lbs (80 kg)	598 lbs (271 kg)	773 lbs (351 kg)

Using heavier suspension components to get added durability might not change your weight ratings. Ask your dealer to help you load your vehicle the right way.

AUXILIARY BATTERY POWER JUNCTION BLOCK AND GROUND STUDS



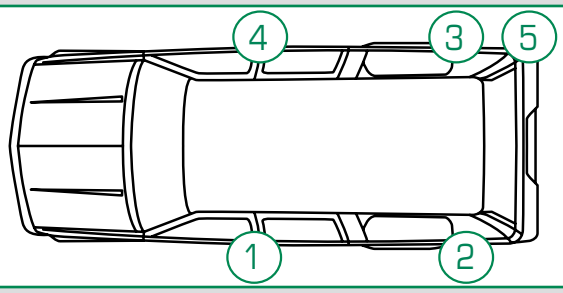
An auxiliary power junction block is located within the driver's side rear cargo area jack stowage compartment. This junction block is split to provide two circuits for connection to customer-furnished equipment directly to the battery through separate 50-amp circuit breakers. These circuit breakers are located in the breaker/relay panel forward of the instrument panel glove box. A maximum load of 100-amps (1,200-watts) can be connected.

This junction block is connected to a coiled 5-foot (1.5 m) branch of rear body harness and fastened near the jack. Mounting of the junction block can be at customer-selected rear cargo area locations permitted by the branch harness length and using customer-furnished mounting hardware.

The junction block should not be attached to the interior trim plastic components without appropriate backing hardware to the mounting bolts.

Grounding studs are located on the left and right sides of the liftgate opening.

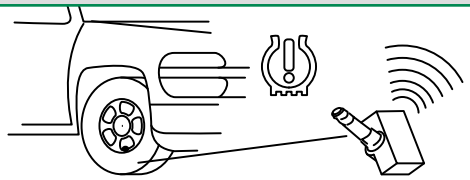
RADIO SUPPRESSION GROUND STRAPS



Police Package is equipped with additional grounding in the following locations:

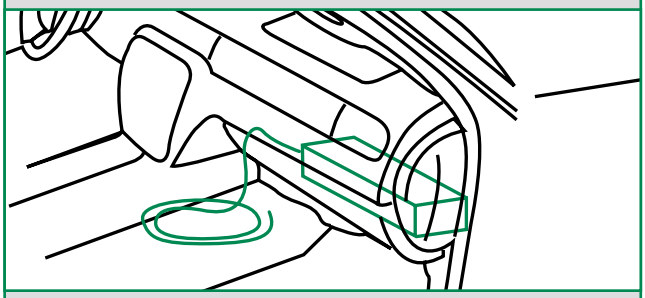
1. Left hand front frame body mount bracket to underbody
2. Left hand rear frame body mount bracket to rear underbody
3. Right hand rear frame body mount bracket to rear underbody
4. Right hand center frame body mount bracket to center underbody
5. Exhaust pipe hanger rod to rear frame hanger

TIRE PRESSURE MONITOR



Your vehicle is equipped with a Tire Pressure Monitor (TPM) System which warns of low tire pressure. The TPM System on your Tahoe Police Package has a spare tire sensor but is not programmed to read the spare tire pressure. When the spare tire from your vehicle or an unused spare tire from another Police Package is placed in use as a road wheel, the system will not read the presence of the new TPM sensor and must be calibrated. Refer to your owner's manual for additional information on the Tire Pressure Monitor and Sensor Programming. The Special Service Package 5W4 does not have sensor in spare tire.

WIRING PROVISIONS FOR 12-VOLT BATTERY POWER SUPPLY



Your vehicle is equipped with wiring provisions for a 12-volt battery power supply. Refer to the following information when adding electrical system. The wiring harness is located below the instrument panel near the center of the vehicle. The following information describes the breaker and relay location.

The 12-volt battery power is supplied through two underhood mega fuses, one 125-amp and one 60-amp. This underhood power is fed to the breaker/relay center via a harness that passes through the driver side front of the dash, and routed across the instrument pane to a position forward of the glove box. The breaker/relay center is mounted to the instrument panel structure forward of the glove box. The center includes a plastic bracket, two relays, two 30-amp breakers and three 50-amp mega circuit breakers.

Two 30-amp breakers supply power from the underhood 60-amp mega fuse through the contacts of the control relays to a 12-gauge (3.0 mm2) blunt cut wires. These two blunt cut leads are part of wire coiled under the instrument panel near the center of the vehicle.

Each relay is operated by a 0.5 mm^2 blunt cut, light or dark blue control lead includes in a 3-foot (91 cm) loop of wire under the instrument panel.

Three 50-amp mega circuit breakers, protected by three fusible links, supply power directly from the underhood 125-amp mega fuse through three, 10-gauge (5.0 mm^2) wires. Two of the wires are routed through the body harness to a split buss junction block to the left rear of the cargo area and secured near the jack and tools. This 3-foot (91 cm) of coiled wires can be accessed by removing the cup holder on the top of the trim panel. The third 10-gauge (5.0 mm^2) wire is a blunt cut lead, which is part of the 3-foot (91 cm) loop of wire coiled under the instrument panel near the center of the vehicle.

An 8-gauge (8 mm^2) ground lead is also provided and it is located under the front passenger sill plate. It can be accessed by removing the sill plate and pulling the loop of wire at the front of the plate, the lead is 3-feet (91 cm) long.

Blunt cut ignition control power and signal circuits are also included in the wire coiled under the instrument panel near the center of the vehicle. They include:

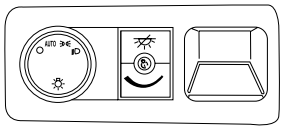
- A yellow, 20-gauge (0.5 mm^2) circuit, HOT in ACCESSORY, RUN or RAP (Retained Accessory Power)*
- Pink, 20-gauge (0.5 mm^2) circuit, HOT in START/RUN (7-amp maximum load)
- A yellow/black, 20-gauge (0.5 mm^2) transmission park signal. This circuit provides switched power when the transmission is in P (Park) and the engine is running. The circuit is at 0-volts when the transmission is in any other position, i.e., R (Reverse), N (Neutral), D (Drive) or M (Manual 6-1). NOTE that the circuit is also at 12-volts with the transmission in P (Park) and the ignition is OFF. To avoid the possibility of undesired parasitic electrical load with the ignition is OFF it is suggested that the Park/Signal circuit be isolated by routing it through the normally open contacts of a customer furnished ignition controlled relay.*
- A dark green/white, 20-gauge (0.5 mm^2) Vehicle Speed Signal (VSS) provides 4,000 pulses per mile.

The breaker and relay center is located behind and above the instrument panel storage compartment. Remove contents from the storage tray. Using the tab at the back of the compartment drop the tray down gently toward the floor. You will find the breaker/relay center above the right rear corner of the storage compartment.

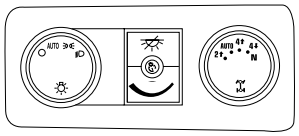
* These two circuits share a 15-amp fuse. (10-amp combined maximum load)

NOTE: For wiring diagram see pages 28 through 31

INTERIOR/EXTERIOR LAMPS CONTROL



(PPV ONLY)



(5W4 ONLY)

9G8 - Delete Daytime Running Lamps and Automatic Headlamps. This option disables the Daytime Running Lamps and Automatic Headlamps control feature. Exterior lamps are manually controlled only. Option 9G8 not available in Canada.

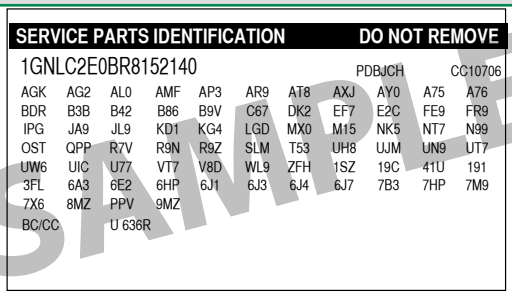
Courtesy lamps, including dome lamps, can be turned off with a push button switch which is above the interior lamp intensity control knob. When the switch is activated, courtesy lamps remain off when any vehicle door is open. If a door is open when the switch is activated, the lamps will go off.

The instrument cluster and radio lighting dimmer control will override the push button switch to turn on the courtesy lamps.

The headlamp control on the driver's side of the instrument panel operates the headlamps. If your Tahoe does not have option 9G8, Delete Daytime Running Lamps and Automatic Headlamps, the Daytime Running Lamps and Automatic Headlamps can be turned off for one ignition cycle by rotating the control knob momentarily counter-clockwise. See also section 3 of your Tahoe owner's manual.

In Canada, the Daytime Running Lamps and Automatic Headlamps can be turned off if the transmission is in Park. See also your Tahoe owner's manual.

SERVICE PARTS IDENTIFICATION LABEL



SERVICE PARTS IDENTIFICATION DO NOT REMOVE

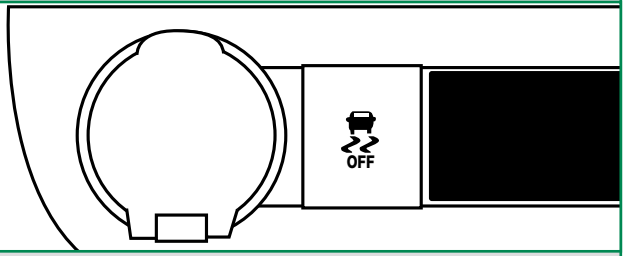
1GNLC2E0BR8152140 PDBJCH CC10706

AGK	AG2	AL0	AMF	AP3	AR9	AT8	AXJ	AY0	A75	A76
BDR	B3B	B42	B86	B9V	C67	DK2	EF7	E2C	FE9	FR9
IPG	JA9	JL9	KD1	KG4	LGD	MX0	M15	NK5	NT7	N99
OST	QPP	R7V	R9N	R9Z	SLM	T53	UH8	UJM	UN9	UT7
UW6	UIC	U77	VT7	V8D	WL9	ZFH	1SZ	19C	41U	191
3FL	6A3	6E2	6HP	6J1	6J3	6J4	6J7	7B3	7HP	7M9
7X6	8MZ	PPV	9MZ							
BC/CC		U 636R								

SAMPLE

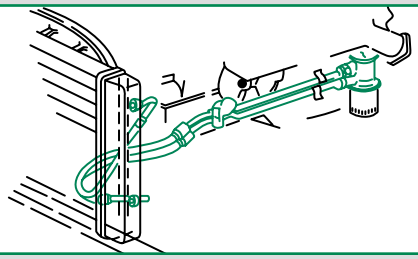
A Service Parts Identification (SPID) Label provides Vehicle Identification Number (VIN)-specific Option Code content list, Engineering Model Number (Nameplate, body style), Exterior paint system, Exterior paint color code and Interior trim level and color. The SPID label for the Tahoe is located on the inner surface of the instrument panel storage compartment (glove box).

STABILITRAK CONTROL



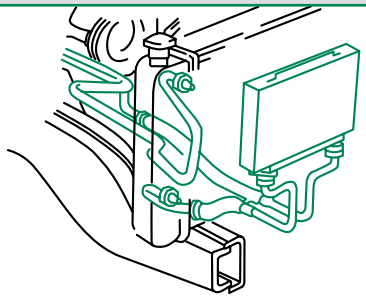
The Stabilitrak stability control system control button is located below the air conditioning fan control See pages 3 or 15 of this manual for an operation description of the stability control system or see your Owner's Manual.

ENGINE OIL COOLER



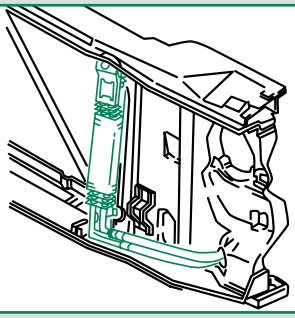
Engine oil cooler located in the left hand radiator tank. Cooler consists of an inlet and an outlet pipe attached to the engine oil filter adapter which transmits the oil to the cooler and then back to the engine. The cooler itself consists of numerous flat plates through which the hot oil flows, transmitting heat to the coolant and cooling the oil.

TRANSMISSION OIL COOLER



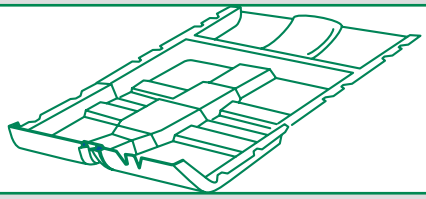
External air-to-oil cooler is mounted in front of coolant radiator and A/C condenser at the center and is connected in series with the integral transmission oil cooler in the right end tank of the coolant radiator.

POWER STEERING COOLER



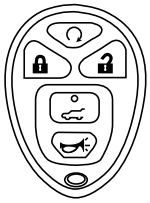
Vertical finned cooler is mounted in front of the radiator at the left side of the radiator and connected in-line between the power steering pump and steering gear.

COVERING - FLOOR



Black heavy-duty one piece. Replaces production carpeting.

AMF - PACKAGE OF 6 TRANSMITTERS



WITH REMOTE START AND LIFTGLASS (WITHOUT REMOTE SIMILAR)

WITH REMOTE START AND POWER LIFTGATE AND LIFTGLASS (WITHOUT REMOTE START SIMILAR)

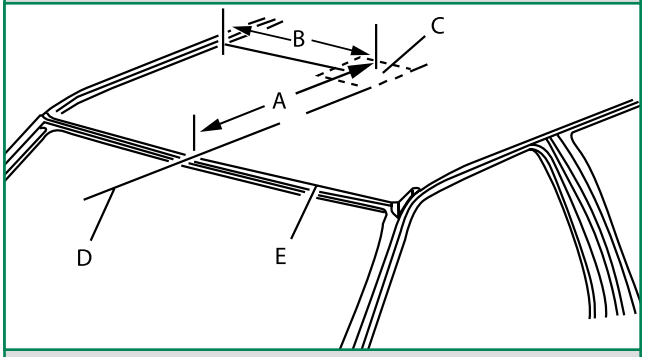
RELEARN REMOTE KEY

To access this DIC display, the vehicle must be in PARK. This display allows you to match the remote keyless entry transmitter to your vehicle. To match a remote keyless entry transmitter to your vehicle, do the following:

1. Press the trip odometer reset stem until PRESS THE RELEARN REMOTE KEY displays.
2. Press and hold the trip reset stem for 3 seeconds. The message REMOTE KEY LEARNING ACTIVE will display.
3. Press and hold the LOCK and UNLOCK buttons on the first transmitter at the same time for approximately 15 seconds. A beep will sound indicating that the transmitter is matched.
4. To match additional transmitters at this time, repeat Step 3. Each vehicle can have a maximum of eight transmitters matched to it.
5. To exit the program mode, turn the key to the LOCK position.

NOTE: A maximum of 8 keys may be learned for a vehicle immobilizer (Passkey III+) with a random key code. Vehicles with the fleet key option (RPO 6E2 or 6E8) may have an unlimited number of keys learned for the particular option fleet key and must be learned using one of the original "master" keys. When programming the RPO AMF additional 6 remote transmitters, the original 2 transmitters delivered with a vehicle must also be reprogrammed at the same time. A maximum of 8 remote transmitters can be programmed for a single vehicle.

TRW – WIRING PROVISIONS FOR EMERGENCY VEHICLE ROOF LAMP



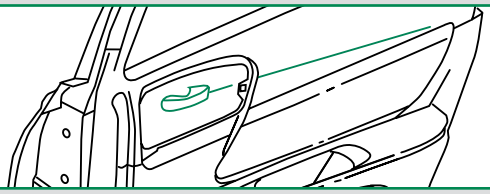
Battery power is supplied through a 30-amp fuse to a wiring harness located in the roof. Power is controlled with a switch located in the overhead console. The customer or vehicle upfitter must complete the installation to an added accessory such as an emergency beacon lamp.

Maximum rated electrical load is 21-amp (250-watts). The added electrical requirements must not exceed 21-amp (250-watts). Running the accessory for long periods of time with the engine off may run the battery down.

A. 25.39-inches (645 mm)
B. 17.32-inches (440 mm)
C. 3.94-inches (100 mm) square
D. Roof centerline
E. Roof edge

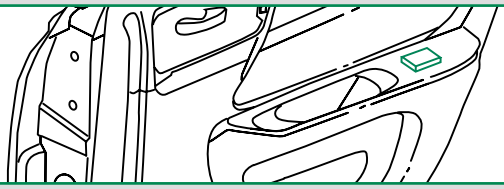
NOTE: For wiring diagram see page 30

6B2 – REAR DOOR HANDLES INOPERATIVE



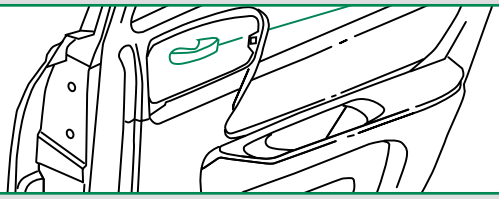
Inside rear door handles are disconnected. Rear doors can only be opened from the outside.

6N5 SWITCHES – REAR WINDOW INOPERATIVE



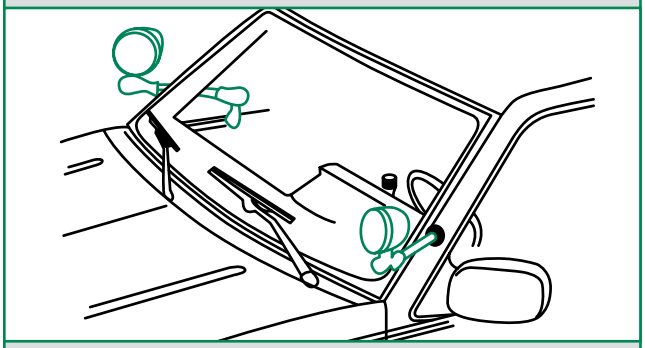
Rear door window switches are inoperable. Rear door power regulators are operable only from driver position switches.

6N6 – REAR DOOR LOCKS INOPERATIVE



Rear door locking rods are disabled. Rear door locks are inoperable at rear doors, but operate from driver position.

7X6 AND 7X7 – SPOTLAMPS

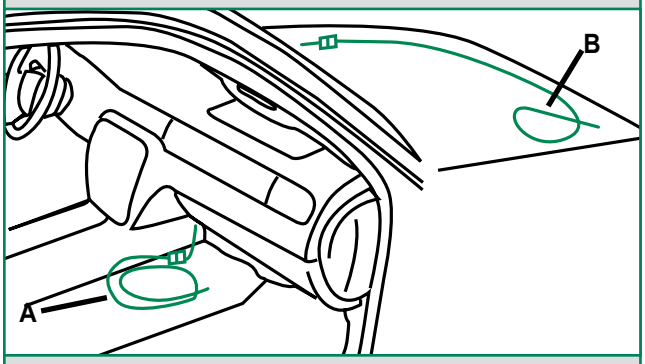


7X6 Spotlamp left hand, pillar-mounted unity, 6-inch with replaceable H3 halogen bulb; independently fused

7X7 Spotlamps left and right hand, pillar-mounted unity, 6-inch with replaceable H3 halogen bulb; independently fused

NOTE: ***• Lamp bulbs are halogen 12 volt 100 watt H-3 rated at 245,000 candle power***
• For wiring diagrams and fuse location see page 31
• Customer furnished spotlamp assembly must be installed to avoid interference with deploying passenger airbag
• Factory installation of spotlamps are recommended. Special tooling is used to locate and drill the spotlamp shaft hole in the pillars as well as modifying the door edge for lamp shaft clearance. (Interior trim covers provided with factory installed lamps are not available as service parts). Field installation of spotlamps must not interfere with proper deployment of the roof rail airbag in the event of a crash

6J3 – WIRING PROVISIONS FOR VEHICLE GRILLE LAMPS AND SPEAKER/SIREN



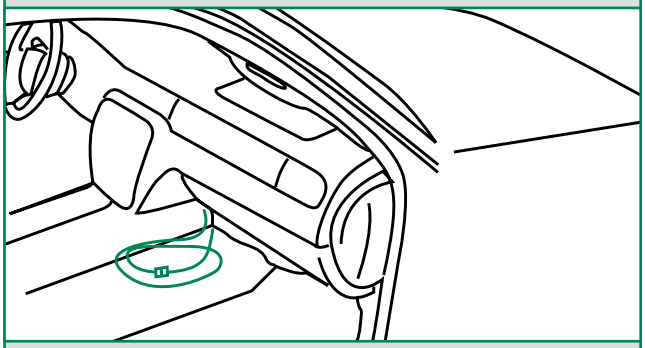
A. Blunt cut ends for the customer-furnished grille lamps and customer-furnished siren/speaker
B. Control wires from in-line connector in forward lamp harness for customer-furnished grille lamps and speaker

The SEO 6J3 wiring provision has a 5-foot (1.5 m) harness coiled underneath the instrument panel on the passenger side. The wiring circuits are routed from under the instrument panel to a 1-foot (30 cm) coil secured in the area behind the grille. There are four 16-gauge (1.0 mm^2) wires for connecting to the grille lamps (GRY, TAN) and siren speaker (LT BU, LT GN)

The SEO 6J3 wiring provision also includes one 18-gauge (0.8 mm^2) control wire for the SEO 6J7 Exterior Lamps Emergency Flashing System.

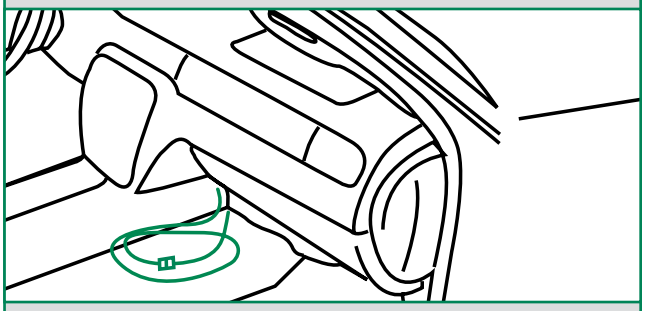
When option 6J7 is installed without option 6J3, only the dark green/red control wire is proved for connection to custo mer-furnished 12-volt switching to turn the Emergency Flashing System on or off. ***NOTE: For wiring diagram see page 29***

WX7 – WIRING PROVISION FOR FRONT SPEAKERS



Approximately 60 inches (1.5 m) of auxiliary speaker wiring is routed from the front door and windshield pillar speakers and coiled under the instrument panel. The wiring permits connection of the front speaker pairs to customer-installed communication equipment. Vehicle radio front speaker outputs are re-routed to the rear speakers to maintain the required open door/key-in-ignition audible warning. ***NOTE: For wiring diagram see page 31***

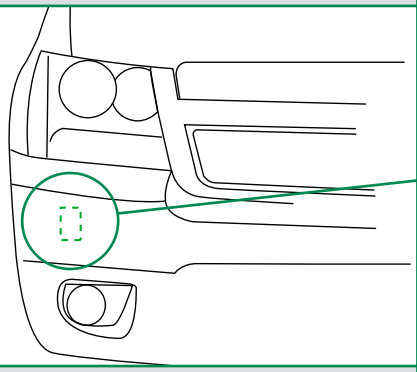
6J4 – WIRING PROVISION FOR HORN SIREN CIRCUIT



This provision permits customer connection of a switch to select either horn of siren operation when the horn pad is pressed.

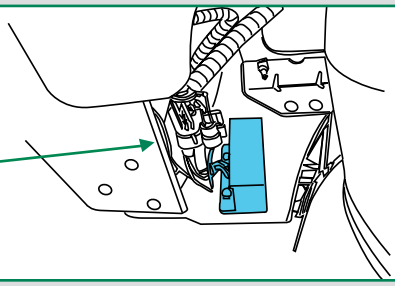
A 22-gauge (0.35 mm2) wire is connected to an in-line connector in the horn circuit of the instrument panel harness under the instrument panel. The end of this harness extension is a 5-foot (1.5 m) loop of wire coiled under the center of the instrument panel. ***NOTE: For wiring diagram see page 30***

6J7 – EXTERIOR LAMPS EMERGENCY FLASHING SYSTEM MODULE LOCATION



The Option 6J7 Exterior Lamp Emergency Flashing System flashing module is mounted on a front sheet metal vertical surface, forward of the passenger side front wheel inner wheelhouse and below the passenger side headlamp.

6J7 – EXTERIOR LAMPS EMERGENCY FLASHING SYSTEM



Option 6J7 provides a headlamps high beam flashing module, rear lamps flashing via the Body Control Module (BCM) and a control wire for customer-furnished switching to turn the module on and off. The flasher control wire is part of the blunt-cut upfitter harness coiled under the instrument panel in the front passenger side foot well. The flashing module is located below the passenger side headlamp and forward of the passenger side front wheel on the inner front fender sheet metal.

The headlamp flashing module is activated by the application of 12 volts to a dark green/red wire in the upfitter harness. When activated, the headlamp high beams and the high beam instrument cluster indicator will flash alternately at 2.4 flashes per second. When the flashing module is turned on, the module sends a signal to the BCM which alternately flashes the stop lamps and backup lamps at the same flash rate as the headlamps. Depressing the brake pedal will override the stop lamp flashing and placing the transmission in Reverse will override the backup lamps flashing.

During daylight conditions, the Daytime Running Lamps (DRL) are automatically turned off whenever the headlamps flashing module is activated. During night time conditions, the low beam headlamps automatically turn on while the high beam lamps flash. Turning on the high beam headlamps manually will override the flashing module and the high beam headlamps will operate continuously. During night time conditions the tail lamps will turn on automatically. If Option 9G8 is present the low beam headlamps and tail lamps will not come on automatically. The Center Mounted Stop Lamp will operate only when the service brakes are applied.

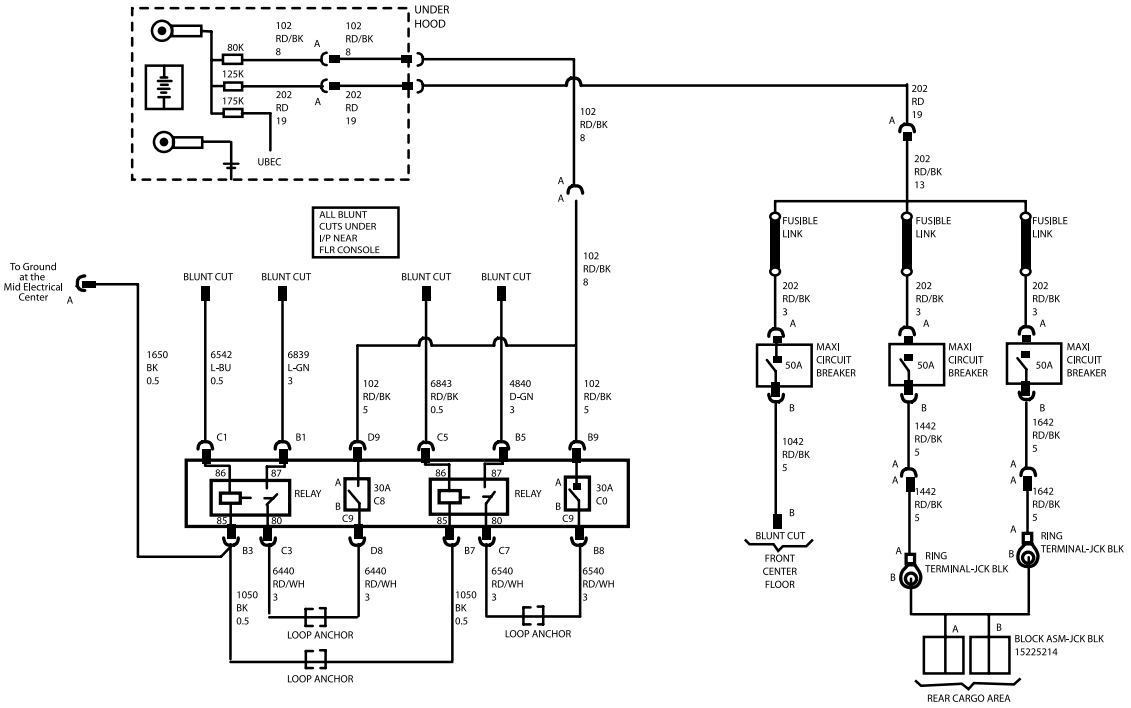
A 20-amp fuse labeled HEADLAMP WASH protects the flasher module circuit. The fuse is located in the under hood fuse block in the engine compartment on the driver side of the vehicle. See also the Owner Manual for more information.

Activation of the headlamps flashing and rear lamps flashing can be separated by opening the dark-blue/yellow BCM circuit at the flasher module connector, C122-F, and applying a customer-switched ground to the harness side of the wire at the connector. Power to dark green/red wire must be OFF to flash rear only.

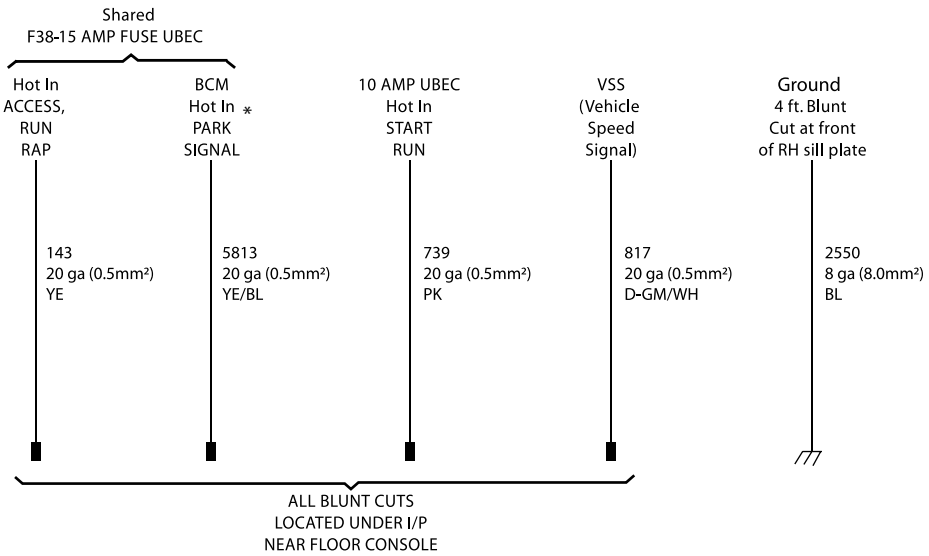
Warning: BCM will be damaged if 12V power is connected to the dark-blue/yellow wire.

NOTE: For wiring diagram see page 29

WIRING DIAGRAM FOR 12-VOLT BATTERY POWER SUPPLY



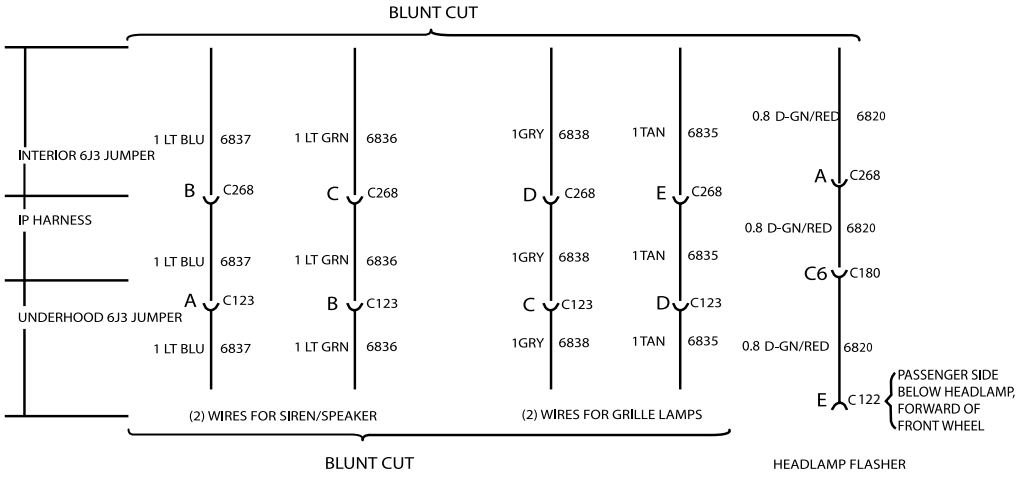
WIRING DIAGRAM FOR CONTROLLED POWER AND SIGNAL CIRCUITS WITH 12-VOLT POWER SUPPLY



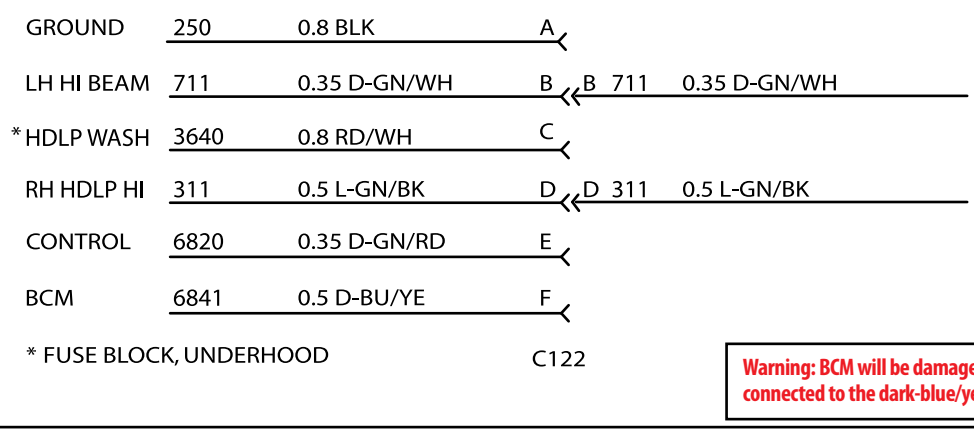
* Zero volts out of PARK, engine running; HOT in PARK with ignition OFF.

NOTE: Wiring diagrams for these options are shown in the Police Package owner's manual supplement (shipped in glove box).

WIRING DIAGRAM FOR OPTION 6J3 AND OPTION 6J7



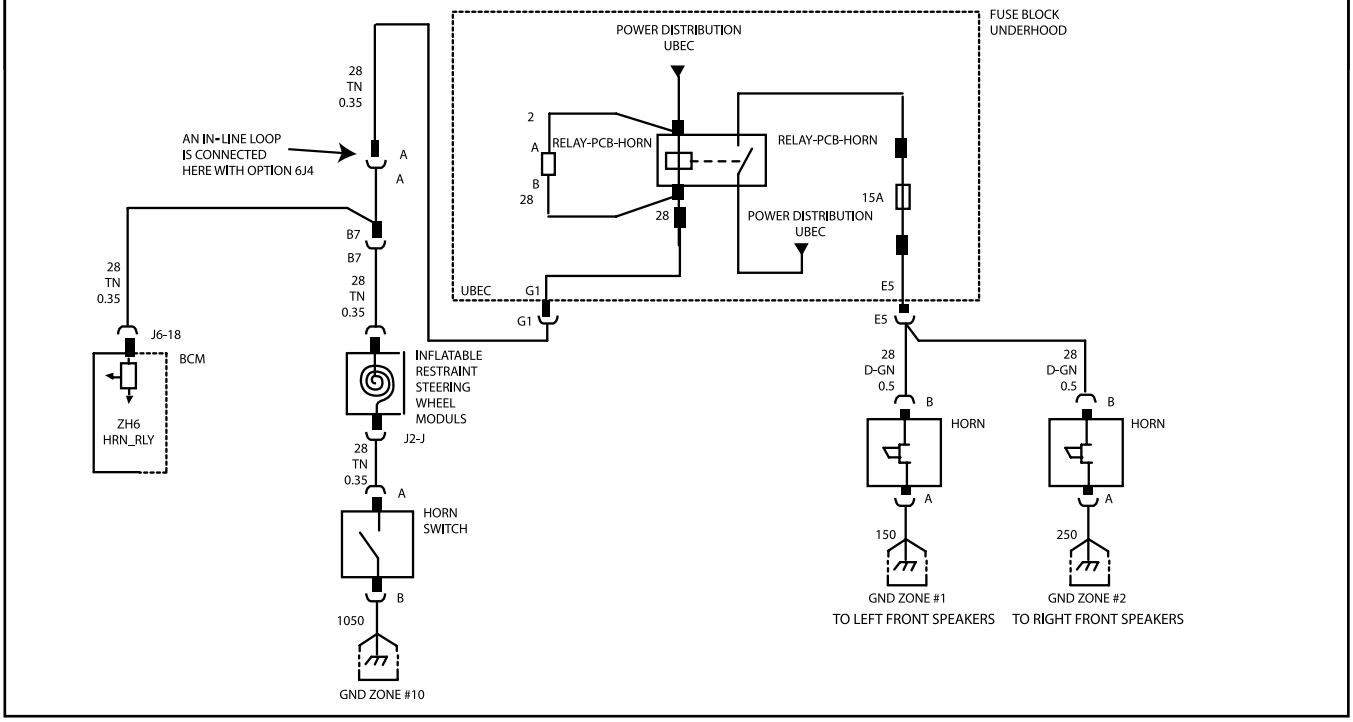
WIRING DIAGRAM FOR FORWARD LAMP HARNESS IN-LINE CONNECTOR FOR USE WITH HEADLAMPS FLASHER MODULE, OPTION 6J7


GROUND 250 0.8 BLK A
LH HI BEAM 711 0.35 D-GN/WH B
B 711 0.35 D-GN/WH
*HDLP WASH 3640 0.8 RD/WH C
RH HDLP HI 311 0.5 L-GN/BK D
D 311 0.5 L-GN/BK
CONTROL 6820 0.35 D-GN/RD E
BCM 6841 0.5 D-BU/YE F
* FUSE BLOCK, UNDERHOOD
C122

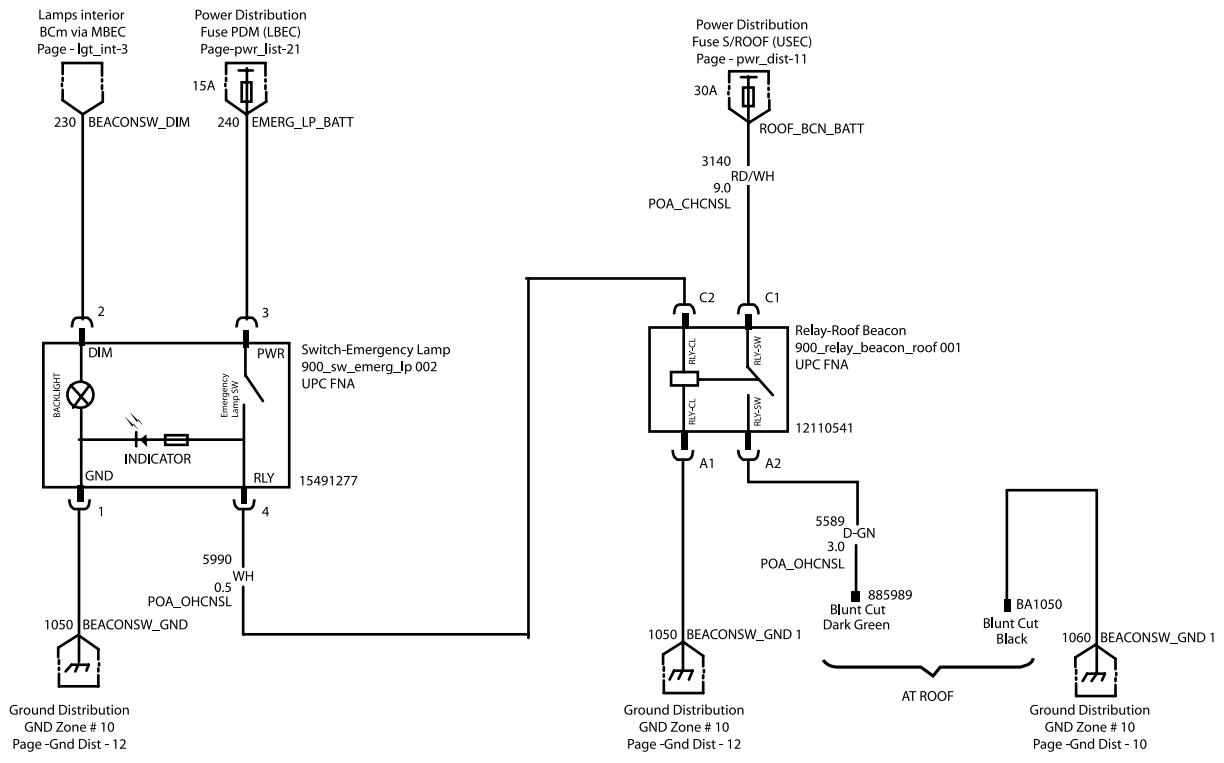
Warning: BCM will be damaged if 12V power is connected to the dark-blue/yellow wire.

NOTE: Wiring diagrams for these options are shown in the Police Package owner's manual supplement (shipped in glove box).

WIRING DIAGRAM FOR OPTION 6J4 IN-LINE CONNECTOR

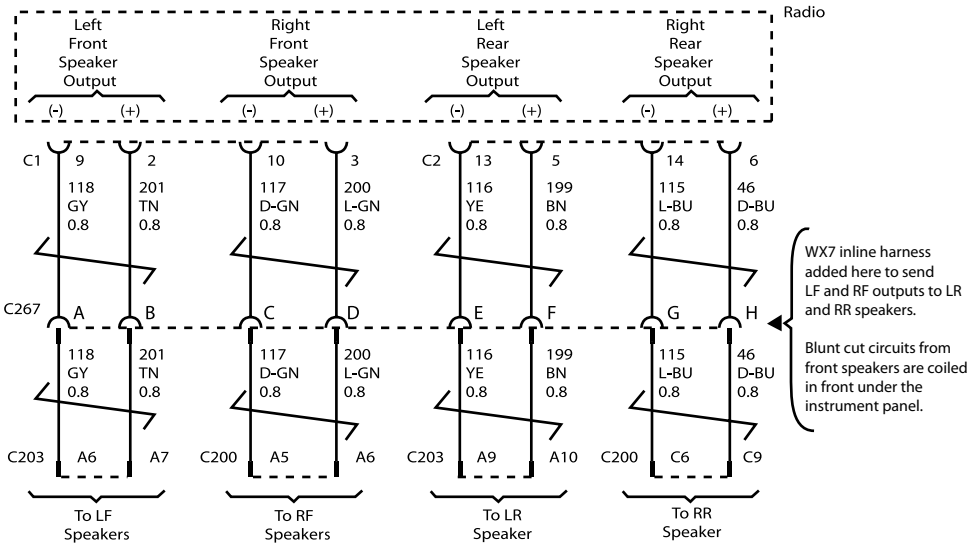


WIRING DIAGRAM FOR OPTION TRW EMERGENCY ROOF LAMP

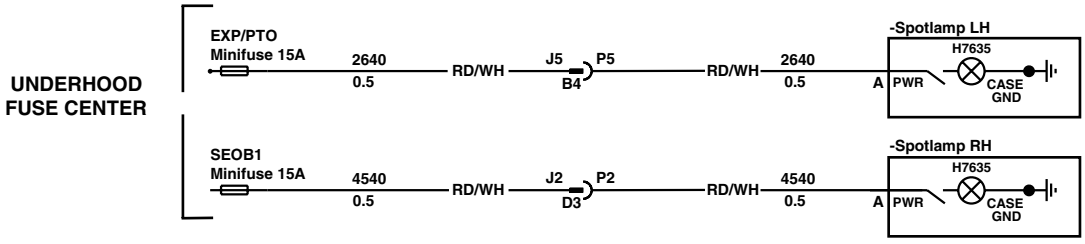


NOTE: Wiring diagrams for these options are shown in the Police Package owner's manual supplement (shipped in glove box).

WIRING DIAGRAM FOR OPTION WX7 IN-LINE CONNECTOR


Radio
Left Front Speaker Output
Right Front Speaker Output
Left Rear Speaker Output
Right Rear Speaker Output
(-) (+)
C1 9 2
118 GY 0.8
201 TN 0.8
10 3
117 D-GN 0.8
200 L-GN 0.8
C2 13 5
116 YE 0.8
199 BN 0.8
14 6
115 L-BU 0.8
46 D-BU 0.8
C267 A B C D E F G H
C203 A6 A7
C200 A5 A6
C203 A9 A10
C200 C6 C9
To LF Speakers
To RF Speakers
To LR Speaker
To RR Speaker
WX7 inline harness added here to send LF and RF outputs to LR and RR speakers.
Blunt cut circuits from front speakers are coiled in front under the instrument panel.

WIRING DIAGRAM FOR WINDSHIELD PILLAR-MOUNTED SPOTLAMP - OPTION 7X6 AND 7X7



7X6 spotlamp left hand and 7X7, spotlamps left and right hand, pillar-mounted Unity, 6-inch with replaceable H3 halogen bulb; independently fused

NOTE: Wiring diagrams for these options are shown in the Police Package owner's manual supplement (shipped in glove box).

Can specialty vehicle equipment (e.g. radar devices, video cameras, computers, meters, radio trees, shotguns, etc.) still be mounted in cars with passenger side air bags?

Yes, but care must be taken to mount the equipment outside of the deployment zone. Air bags inflate with great force and will interact with any object in the deployment zone. Therefore, to reduce the risk of injury to vehicle occupants, GM recommends that the air deployment zone be kept free of any equipment. If a piece of equipment were to become dislodged it could strike an occupant in the vehicle and result in injury. The likelihood of an object becoming dislodged is influenced by many factors, including the proximity of the object to the inflatable restraint, the size and shape of the object, and the means by which the object is secured to the vehicle. In addition to these factors, the trajectory and velocity of a dislodged object can be influenced by the type and severity of vehicle crash.

Objects that are in the deployment zone, but do not become dislodged by an inflating air bag can still affect the performance of the air bag. For example, such objects could tear the fabric or affect the shape of the air bag, thus reducing the ability of the bag to provide restraint.

Is it possible to shield equipment that is installed in the passenger side frontal air bag deployment zone in a manner that will allow full and safe air bag deployment?

Due to the complexity of influencing variables, GM is unable to evaluate the potential for shielding expected equipment configurations in all accident scenarios in order to assure that the air bag performance would be unaffected. While shielding may protect certain equipment from being damaged or dislodged, it may also negatively affect the inflation characteristics of the air bag. The air bag's shape, inflation angle, fold pattern, and inflation rate and pressure are developed to maximize the protection capability of the inflatable restraint system. Therefore, GM cannot recommend the placement of any equipment in the deployment zone, even if it is shielded to protect it from damage.

Front air bag systems and instrument panel mounted equipment.

Passenger air bags in GM vehicles deploy in different ways depending upon the type of vehicle and the particular instrument panel design.

In some vehicles, the passenger air bag deploys through a discrete door located on the top surface of the instrument panel (top-mount air bag systems). In other vehicles, such as the Chevrolet Tahoe, the passenger air bag deploys through a discrete door mounted on the vertical rearward surface of the instrument panel, above the glove box door (mid-mount air bag system). With these types of top-mount and mid-mount passenger air bag systems, the top pad of the instrument panel remains in place during deployment.

Some GM passenger air bag systems, like the system in the Chevrolet Impala, deploy from beneath the instrument panel top pad. These are considered 3/4-mount air bag systems with a "deployable top pad." The entire instrument panel top pad is the "deployment door" from under which the inflating air bag emerges. When an air bag deployment is commanded, the forces from the inflating passenger air bag push up on the instrument panel top pad, releasing special fasteners across the rearward edge of the top pad. This allows the top pad to rotate upward so that the passenger air bag may emerge. The top pad rotates upward to open widest at the right hand side, and is usually forced upward into contact with the windshield on the right hand side of the vehicle during a deployment.

Instrument panel top mounted special equipment, such as a radar antenna and control unit or video camera must be positioned to the left of the vehicle center line. This equipment must be mounted as low as possible and securely fastened to the top pad to avoid being dislodged in the event of a crash and possible air bag deployment. In the process of securely fastening special equipment to the top, DO NOT fasten down the top pad itself to any other vehicle component such as the cluster trim plate. As described above, the top pad rotates upward during a deployment. In order to enable the proper deployment of the passenger air bag, specialty equipment installation MUST NOT PREVENT the top pad from rotating upward during deployment. Location and attachment of special equipment should minimize added resistance or interference to upward rotation of the top pad during deployment.

Side-Impact Air Bags for crashes to the vehicle sides.

The air bag system in your police vehicle includes includes roof rail mounted Head Curtain side air bags.. The vehicle is also equipped with seat back mounted upper body air bags located on the outboard side of the driver and front passenger seat backs. Together the Head Curtain and seat-mounted side air bags are intended to protect the head and upper body in the event of a side crash. Some vehicles may also be equipped with an optional air bag, mounted on the inboard side of the driver seat back.

Can Specialty Vehicle Security Barriers be mounted within the side air bag deployment zones?

No. The side air bags inflate extremely fast because of the nature of side crashes to the vehicle. Mounting a security barrier behind the front seats with the ends placed within the side air bag deployment zones will result in unintended interaction between the barrier and the inflating side air bags. To reduce the risk of injury to the vehicle occupants, GM recommends that the side air bag zones be kept free of any customer installed equipment.

Customer furnished equipment installed to the vehicle roof.

Your police vehicle is designed with an interior roof cover system which includes internal components for the interior lamps and wiring. The roof system may also include side air bag components. Inflation devices may be mounted on the vehicle roof side behind the rear doors as well as air bag tethers retained to the windshield pillars. Care must be taken to avoid damage to these components or interference with their operation when installing roof mounted equipment such as emergency lamps and communication antennas.

Recommended GM service procedures must be followed to remove and re-install the instrument panel top pad to ensure that the top pad will release properly in the event of a passenger air bag deployment.

On the right half of the top pad closest to the passenger air bag module, GM recommends that no equipment be mounted. When mounting equipment on the driver side of the top pad, GM recommends that the total mass of the top pad mounted special equipment not exceed 8 pounds (3.6 kilograms), since some top pads tend to rotate about the left end.

Fasteners used to secure special equipment to the instrument panel top pad, the windshield glass, or to the windshield upper frame (header), should be selected to ensure that these devices will remain attached during a vehicle crash and possible air bag deployment.

Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

Can the installation of push bumpers on the front end of the vehicle affect the deployment of the air bag?

General Motors is not aware of adverse effects during crash events from the many push bumpers thai have been installed on GM police vehicles. Because there are many styles of push bumpers available with varying crash characteristics, installation of push bumpers may or may not affect deployment timing of the air bags. Push bumpers should be mounted to avoid modifying the vehicle structure and interfering with the front air bag sensors mounted on the upper radiator support cross member

Two front impact sensors are installed in General Motors vehicles. Do not relocate or disconnect the front sensors. The location and orientation of the front sensors are critical for correct operation of the air bag system. Avoid mounting components on or near the sensors. Push bumper styles with vertical pushing members that are in foreaft alignment with the front air bag sensors are not recommended.

When should an air bag inflate?

The driver's and right-front passenger's frontal air bags are designed to inflate in moderate to severe frontal or near-frontal crashes. But they are designed to inflate only if the impact speed is above the system's designed "threshold level."

In addition, your vehicle has "dual stage" frontal air bags which tailor the the amount of restraint according to crash severity. For moderate frontal impacts, the air bags inflate at a level less than full deployment. For more severe frontal impacts, "dual stage" frontal air bags deploy at full levels.

If the front of your vehicle goes straight into a wall that doesn't move or deform, the threshold level of the reduced deployment is about 12 to 16mph (19 to 15 km/h), and the threshold level for a full deployment is about 18 to 24 mph (29 to 28.5 km/h). The threshold level can vary, however, with specific vehicle design, so that it can be somewhat above or below this range.

If your vehicle strikes something that will move or deform such as a parked car, the threshold level will be higher. The driver's and right-front passenger's frontal air bags are not designed to inflate in rollover, side impacts, or rear impacts, because inflation would not help the occupant.

Seat mounted side impact air bags are designed to inflate in moderate to severe side crashes. The side impact air bags will inflate if the crash severity is above the designed "threshold level." The threshold level can vary with specific vehicles design. The side impact air bags are not designed to inflate on frontal or near-frontal impacts or rear impacts, because inflation would not help the occupant.

Roof rail mounted head-curtain air bags are designed to inflate in moderate to severe side crashes. In addition, certain vehicles have head-curtain air bags which are also designed to inflate in situations where an impending rollover condition is identified by the vehicle's rollover sensing system and/or frontal or near-frontal impacts if the crash severity is above the designed "threshold level".

Safety belt pretensioners at the driver and front passenger seat positions are designed to deploy in frontal, near-frontal, side, and rear crashes that exceed the "threshold level" of crash severity to help reduce slack in the safety belt Safety belt pretensioners will also deploy in impending rollover situations.

How long will the air bag remain inflated?

It takes approximately 1/20th of a second to fully inflate the frontal air bags. This is faster than the blink of an eye. The air bags begin to deflate immediately, helping to stop the occupants more gradually.

I've heard that a deployed air bag produces whet appears to be smoke, is the air bag hot?

After the bag has deployed in a crash, the air bag itself will not be hot to touch. Some components within the air bag module will be hot for a short time. A small amount of smoke coming from a deployed air bag module is normal and should not be cause for concern.

Also, when the nitrogen gas is vented out of the air bag, small particles from inside the bag are also vented into passenger compartment. These airborne particles look like smoke and some particles are deposited as residue on and around the air bag.

I've heard that the dusts that are released into the passenger compartment from the air bag are harmful, is this true?

For most people, the only effect the dusts will produce is some irritation of the throat and eyes, and that is only if the occupant remains in the vehicle for many minutes after the air bag deployment with no ventilation and windows closed. However, some people with asthma may develop an asthmatic attack from inhaling the dusts. If this happens, they should first treat themselves the same way their doctor has advised them to treat any other asthma attack, and then immediately seek medical treatment.

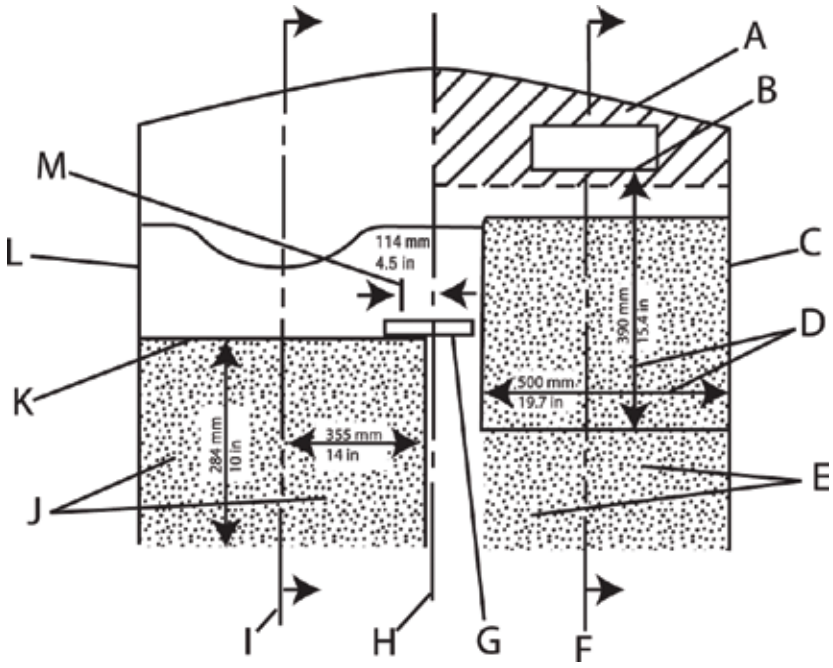
Can the air bag system be re-used?

No, The air bags are designed to inflate only once. After inflation some new parts will be required. These will include the air bag module and possibly other parts. (A competent service technician with access to the vehicle's service manual and the required tools should replace the required components after a deployment crash.)

If my vehicle has air bags, why should I have to wear my safety belt?

Air bags are in many vehicles today and will be in most of them in the future. But they are supplemental systems only; so they work with safety belts not instead of them. Every air bag system ever offered for sale has required the use of safety belts. Even if you're in a vehicle that has air bags, you still have to buckle up to get the most protection. That's true not only in frontal collisions but especially in side and other collisions.

Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

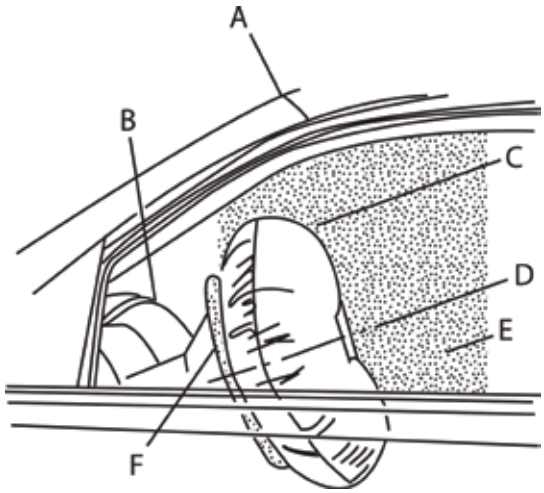


TOP VIEW OF INSTRUMENT PANEL AND APPROXIMATE DEPLOYMENT AREA OF THE AIR BAG ZONE

A. Passenger side instrument panel top surface zone
B. Passenger side air bag module trim panel – rear edge
C. Passenger side door
D. Approximate dimensions of inflated air bag
E. Passenger side air bag deployment zone
F. Passenger centerline
G. Inside rearview mirror
H. Vehicle centerline
I. Driver centerline
J. Driver side air bag deployment zone
K. Front of steering wheel
L. Driver side door
M. Shift selector arc

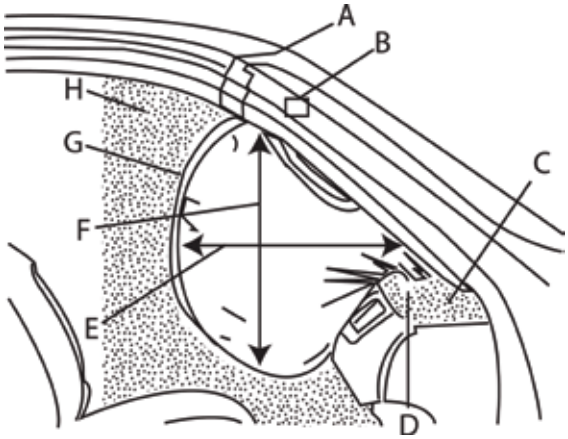
Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

NOTE: All dimensions are approximate and subject to change.



SIDE VIEW OF DRIVER SIDE
AIR BAG DEPLOYMENT ZONE

A. Top edge of windshield
B. Top of instrument panel
C. Inflated air bag – steering wheel
D. Centerline of steering column at mid-tilt
E. Driver air bag deployment zone
F. Front of steering wheel



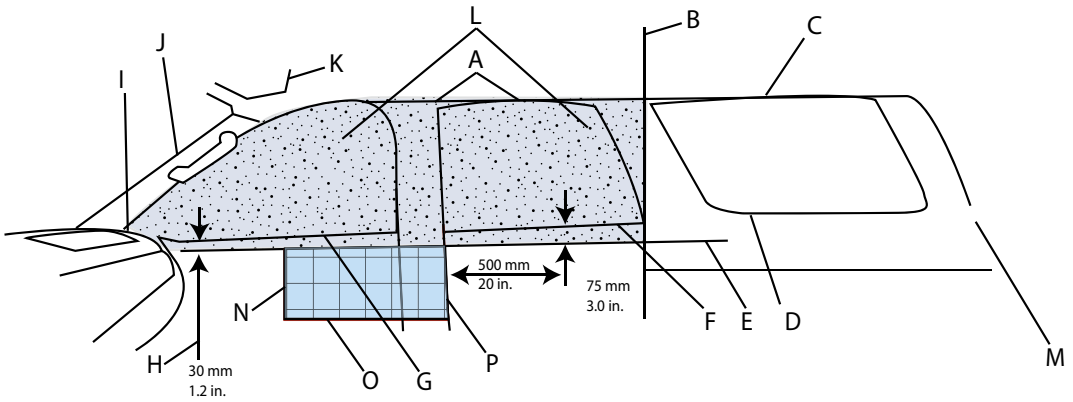
SIDE VIEW OF PASSENGER SIDE AIR BAG
DEPLOYMENT ZONE

A. Top edge of windshield
B. Inside rearview mirror
C. Instrument panel top surface zone
D. Passenger side air bag module trim panel – rear edge
E. Inflated air bag – horizontal dimension approximate 15.4 in (390 mm)
F. Inflated air bag – vertical dimension approximate 9.3 in (490 mm)
G. Inflated air bag – instrument panel
H. Passenger air bag deployment zone

Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

NOTE: All dimensions are approximate and subject to change.

HEAD CURTAIN AND FRONT SEAT-MOUNTED SIDE IMPACT AIR BAG DEPLOYMENT ZONES
PASSENGER SIDE SHOWN, DRIVER SIDE SIMILAR



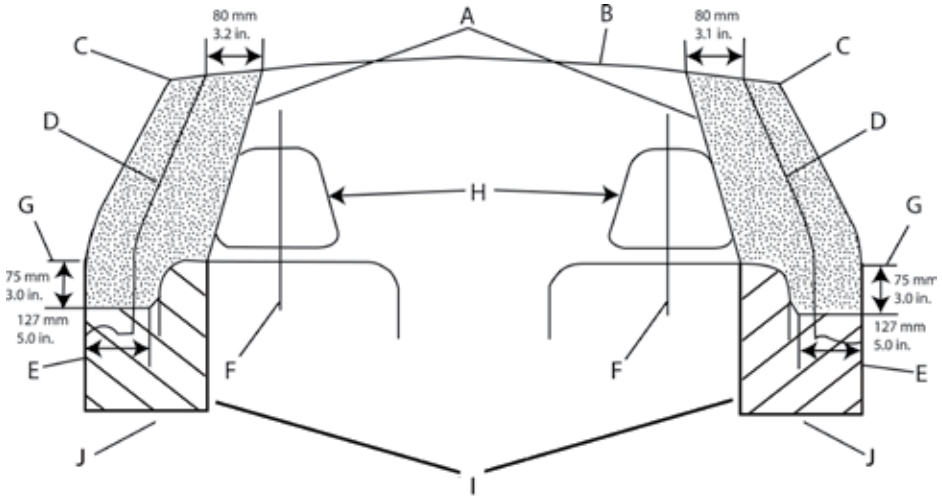
Tahoe Rows 1 and 2

A. Top of deployment zone – along head curtain at edge of headliner
B. Back of deployment zone – at rear top corner of rear door pad
C. Rear quarter window
D. Bottom outside edge of rear quarter window
E. Bottom of air bag deployment zone – parallel to outside bottom edge of rear quarter glass
F. Top edge of rear door pad
G. Top edge of front door pad
H. Dimension at mirror patch from top edge of front door pad
I. Front of deployment zone at front upper corner of front door pad
J. Windshield pillar trim with grab handle
K. Visor
L. Deployment zone - Tahoe seat rows 1 and 2
M. Rear of Tahoe

Tahoe Seat Air bag

N. Center of door trim pull handle
O. Top of surface of outboard front seat cushion
P. Back edge of center pillar trim

HEAD CURTAIN AND FRONT SEAT-MOUNTED SIDE IMPACT AIR BAG DEPLOYMENT ZONES
VIEW FROM REAR CARGO AREA



A. Head curtain air bag deployment zone
B. Underside of headliner
C. Edge of headliner
D. Inner center pillar trim
E. Inner door pad
F. Seat centerline
G. Bottom of door windows
H. Front seat headrests
I. Seat-mounted side impact air bags deployment zone front seat
J. Top surface of outboard front seat cushion

Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

NOTE: All dimensions are approximate and subject to change.

GM offers Anti-Lock Brake Systems as standard or optional on all North American passenger vehicles and light truck lines. The computerized Anti-Lock Braking System (ABS) is designed to keep the vehicle's wheels rotating as the brakes are applied to assist the driver in achieving a controlled stop. Sensors monitor how fast the wheels rotate and feed the data continuously to the ABS computer. The vehicle's brakes slow each wheel as the brake pedal is applied. However, when ABS is activated due to road conditions, the system repeatedly releases and applies pressure to the brakes. The wheels can keep rolling, thus retaining steering ability and enhanced stability while providing a higher braking force on most surfaces than a locked wheel provides.

How exactly does ABS work?

In cars without ABS, hitting the brakes can cause the wheels to lock, leaving you unable to steer the vehicle until you decrease the pressure so the wheels can roll again. With an ABS, as you apply the brakes, the ABS computer monitors the wheel speed sensor information. If the computer senses that a wheel is approaching lock up, it sends a signal to the hydraulic modulator to reduce, then to reapply, brake pressure several times a second for as long as you maintain firm pressure on the brake pedal. The process is much like the threshold braking technique used with conventional brakes. However, ABS does it much faster and more accurately than any driver can, leaving you free to focus on steering away from obstacles.

Does ABS reduce stopping distances?

Yes, in braking situations where the wheels on a non-ABS equipped vehicle would lock up, ABS will generally provide shorter controlled stopping distance. The amount of improvement in stopping distance depends on many factors, including the road surface, severity of braking, initial vehicle speed, etc. On some surfaces, such as gravel roads, braking distances can be longer, but you will still have the control benefits of ABS. The important capability of ABS is control. ABS provides improved vehicle steerability and stability when braking.

What can affect the ABS advantage?

It is important that you follow the maintenance schedule recommended in the owner's manual of the vehicle, tires should be at their proper inflation level, the brake pads should be checked regularly, etc. While driving, you should sit comfortably, so that your hips are back in the seat and your knees are bent, even while braking. Your foot should be positioned so that your heel is on the floor and your toes are secure on the lower half of the pedal. And, though ABS may reduce stopping distance, remember: The faster you go, the longer it takes you to stop. Keeping a safe distance between you and the vehicle in front of you is always necessary, even with ABS.

What happens if ABS becomes inactive?

The ABS electronic control unit has on-board diagnostic capability. If a fault is detected, the vehicle will revert to the base brake system, and the ABS telltale on the dash will be illuminated. Should this happen, the vehicle should be taken to a dealership for repair as soon as possible.

How do I use ABS?

Depress and hold the pedal. DO NOT PUMP THE BRAKES (that prevents the system from working). Just hold the brake pedal down and let the ABS work for you. You may feel the brake pedal vibrate, or you may notice some noise, but this is normal as the system works for you.

Should I drive an ABS equipped vehicle differently than I would drive a vehicle with conventional brakes?

Most of the time, under normal driving circumstances, there is no difference, and you should always drive with the same caution and care. It is important to realize that ABS only makes a difference when it is activated—when you have to brake hard—and that would only be when the computer senses that a wheel is approaching lockup. When ABS activates, keep steady pressure on the brake pedal and then let the ABS work for you. Don't pump the brakes or try to find the threshold. Simply hold the brake pedal down and steer if necessary to avoid an obstacle.

Is ABS always active?

ABS is always available, but not always activated. ABS is activated only when the brake pedal is applied and the computer detects an impending wheel lock condition.

Can older cars be retrofitted with ABS?

No! The brake system is one of the most important features on any passenger vehicle.

Several products, which tap into the master cylinder and/or brake system performance, are being sold in the aftermarket. Some of these products imply performance similar to new vehicle anti-lock brake systems.

However, contrary to their claims, add-on systems, which deplete fluid from the master cylinder on brake apply may actually increase a vehicle's stopping distance. This may cause the vehicle to fail to comply with Federal brake standards.

Does ABS always activate at the same speed?

No, the system operates when the computer detects wheel lockup, at any speed above 8 mph.

Will ABS wear out a vehicle's brakes sooner?

A properly maintained brake system will be unaffected by ABS operation under typical driving conditions.

Are there different types of ABS?

Yes, there are rear wheel anti-lock systems (RWAL) used on some trucks and four-wheel ABS available on cars and trucks.

Do Federal Safety Standards mandate ABS?

No. Federal standards establish minimum braking performance requirements that all vehicles must meet, but do not specify how they should be met. It should be noted that even a vehicle with failed ABS meets the Federal safety standard for stopping distances.

Will a tire size change affect ABS?

Use of tires other than original equipment may affect ABS performance. Owners should consult and follow the recommendations contained in the vehicle owner's manual regarding replacement tire size. ***NOTE: ABS will work with original equipment spare tire or tire chains. However, performance is reduced.***

Do insurance companies give a discount for ABS?

Yes, many insurance companies give discounts that range from 5% to 10%. In the states of New York and Florida all insurance companies are required to give an ABS discount of 5% on certain coverages such as bodily injury, property damage, collision, and personal injury protection. In other states the discount varies from insurance company to insurance company. When buying auto insurance, always ask your insurance agent if his/her company gives a discount for vehicles equipped with anti-lock brakes.

IMPORTANT DRIVING SAFETY TIPS

A. **Always maintain a safe following distance.** ABS does not allow you to stop on a dime. (Generally a 2-second following distance is considered safe in ideal conditions.) Watch the vehicle in front of you pass a fixed marker (such as a sign). Count seconds—one-thousand-one, one-thousand-two-until your front bumper reaches the marker. If you do not count out two seconds, then you are too close to the vehicle in front of you. Also, if the roads are wet or icy, or visibility is poor, you should increase your following distance.

B. **Always drive carefully—** especially on slippery surfaces. ABS cannot create friction between the tires and the road surface, it can only give the driver the maximum advantage of the existing adhesion. If the vehicle is traveling on a surface with no adhesion, the best ABS in the world cannot provide a shorter stopping distance or good steering.

C. **It is a good idea to practice an ABS activated stop** and get the feel of the brake pedal. However, please make sure it's at a safe time with no obstacles in your path. And you only really need to try it once or twice to know what happens.

ELECTRONIC STABILITY CONTROL SYSTEMS (STABILITRAK)

StabiliTrak systems help drivers maintain control of their vehicles, especially during emergency lane changes or avoidance maneuvers. StabiliTrak uses various sensors, such as steering wheel angle, wheel speed, yaw velocity, etc., to detect any difference between the path requested by the steering wheel position and vehicle's actual path. When appropriate, the system selectively controls brakes, engine power, and even suspension settings to enhance control of the vehicle's direction and help keep it on course. Independent studies conducted by the National Highway Traffic Safety Administration, the Insurance Institute for Highway Safety, and others have found StabiliTrak to be highly effective in reducing vehicle crashes. General Motors offers StabiliTrak systems on many of its passenger car and light truck models.
See your owner's manual for additional information about the operation of StabiliTrak.

Q. How do I use StabiliTrak?
A. StabiliTrak operates independently of the driver. You should continue to drive your StabiliTrak equipped vehicle with caution and care. GM's StabiliTrak system, StabiliTrak, is designed to be as seamless as possible in operation, to be part of the overall vehicle response and to make a good vehicle better

Q. How does StabiliTrak work?
A. StabiliTrak has the ability to apply control forces to the vehicle independent of the driver. StabiliTrak uses sensors to continuously compare the path indicated by the steering wheel position to the vehicle's actual path. If a discrepancy is detected, StabiliTrak selectively controls vehicle brakes and engine torque to create a yaw moment that helps restore the vehicle's actual path to the path indicated by the steering wheel position. StabiliTrak has the ability to help correct both understeer (where the vehicle is not turning as much as the steering wheel position indicates) and oversteer (where the vehicle is turning more than the steering wheel position indicates). The illustration at right shows how selective braking at a particular wheel can create a compensating yaw moment to help restore the vehicle's actual path to the path indicated by the steering wheel position.

Q. Will a tire change affect StabiliTrak?
A. Use of tires other than original equipment may affect StabiliTrak performance. StabiliTrak is designed to make the best use of available traction. The performance characteristics of the original equipment tires are part of the overall system effectiveness. When you replace tires check the recommendations in your owner's manual. On GM vehicles, the original equipment tires have a "TPC" (Tire Performance Criteria) code on the sidewall. Replacing the tires with the same "TPC" code will help assure proper StabiliTrak performance.

UPDATES FOR 2014

NEW FEATURES

- SILVER ICE METALLIC (GAN)
- CYBER GRAY METALLIC (GBV)
- BROWNSTONE METALLIC (GWX)

DELETED

- SANDSTONE METALLIC (15U)
- GRAYSTONE METALLIC (16U)
- SHEER SILVER METALLIC (GGZ)
- MIRRORS, OUTSIDE HEATED POWER-ADJUSTABLE, BLACK MANUAL-FOLDING WITH INTEGRATED TURN SIGNALS (DE7)

NOTE: This vehicle is NOT designed nor intended for use IN HIGH SPEED EMERGENCY VEHICLE OPERATIONS

MODEL AVAILABILITY

CG33406-1LS (GAS/DIESEL)	Rear-wheel drive
CG33706-2LS (GAS/DIESEL)	Rear-wheel drive

STANDARD EQUIPMENT SUMMARY

WARRANTY	3 years / 36,000 mile bumper-to-bumper (whichever comes first, see dealer for details) 5 years / 100,000 mile limited powertrain (whichever comes first, see dealer for details)

INTERIOR FEATURES

AIR CONDITIONING	Single-zone, manual (front). Rear air and rear heat available on 33706 models
CUP HOLDERS	Three on engine console cover
DEFOGGERS	Front and side windows
DOME LAMPS	Three dome lamps, with defeat switch and door-activated switches
DRIVER INFORMATION CENTER	See order guide
FLOOR COVERING	Full-length Black rubberized-vinyl
MIRROR	Inside rearview manual day/night
POWER OUTLETS	Two auxiliary on engine console with cover 12-volt
RADIO	AM/FM stereo, seek-and-scan, digital clock and 2 front door speakers
RESTRAINT SYSTEM	Safety belts, driver and front passenger with pretensioners, dual stage driver and passenger frontal air bags[1], passenger sensing system and frontal air bag[1] ON/OFF indicator, rollover sensor, and dual head curtain air bags[1] for front and rear seat outboard occupants
SEATS, FRONT	Vinyl high-back buckets, adjustable and reclining
SEATS, REAR	Vinyl trimmed rear bench seats and split 4 passenger last seat
SEATING	12 passenger seating
SPEEDOMETER/CLUSTER	Analog with speedometer, odometer with trip odometer, fuel level, volt meter, engine temperature and oil pressure
STEERING COLUMN	Tilt
THEFT DETERRENT	Vehicle theft PASS-Key® III

EXTERIOR FEATURES

BUMPER, FRONT	Painted, Black
BUMPER, REAR	Painted, Black with step pad
DOORS	Swing-out side, 60/40 split on passenger side only
GLASS	Solar-Ray, deep tinted; enhanced technology rear most side glass (All windows except light-tinted on windshield and driver and front passenger side glass, enhanced-technology, rear most side windows. 3-layer special glass is designed to help reduce the risk of ejection during a crash, swing-out rear cargo door windows, swing-out side door windows)
GRILLE	Black composite
HEADLAMPS	Single rectangular halogen
LAMPS	Daytime running
LICENSE PLATE KIT	Front
MIRRORS	Outside, rearview, manual, foldaway, Black
TIRE PRESSURE MONITOR	CHECK TIRE PRESSURE (no spare tire sensor)
WINDSHIELD WIPERS	Intermittent wet-arm with pulse washers

CHASSIS FEATURES

ALTERNATOR	105-amp without rear A/C, 145-amp with rear A/C, 145-amp standard on 2LS model
BATTERY	600 CCA with run-down protection and retained accessory power on 1LS model. Dual heavy-duty 770 CCA standard on 2LS model
BRAKES	4-wheel disc, with 4-wheel anti-lock
ENGINE	Vortec 4.8L V8, SFI FlexFuel[2] or 6.6L V8 turbo diesel
EXHAUST	Aluminized stainless-steel muffler and tailpipe
FUEL TANK CAPACITY	31 gallon (117.3 liters)
MONITOR	Oil life
OIL COOLER	External transmission
STABILITRAK	Vehicle stability control
STEERING	Power
SUSPENSION, FRONT	Independent with coil spring and stabilizer bar
SUSPENSION, REAR	Hypoid drive axle with multi-leaf springs
TIRES	LT245/75R16E all-season, blackwall with full-size spare located under rear underbody
TIRE PRESSURE MONITOR	CHECK TIRE PRESSURE will show on driver message center
TRANSMISSION	6-speed automatic, heavy-duty, electronically controlled with overdrive and tow/haul mode and internal transmission oil cooler
WHEELS	16" x 6.5" steel includes Gray center cap and steel spare

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.
2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.

POWERTRAIN

ENGINE					TRANSMISSION		AXLE	
MODEL	CODE	TYPE	DISPLACEMENT LITERS/CU. IN.	FUEL SYSTEM	STANDARD	TYPE	OPTION CODE	RATIO
1LS Standard	L20 Vortec	V8	4.8L/293	SFI	Automatic MXO/MYD	Automatic HD 6-speed	GU6	3.42
1LS Optional	L96 Vortec	V8	6.0L/366	SFI FlexFuel[2]	Automatic MXO/MYD	Automatic HD 6-speed	GU6	3.42
2LS Standard	LGH Duramax	V8	6.6L/403	Turbo diesel	Automatic MXO/MYD	Automatic HD 6-speed	GH0	3.54

NOTE: Emission type must be ordered
FE9 - Federal YF5 - California NG1 - Northeast States

SEATS AND INTERIOR TRIM

		SEAT OPTIONS	EBONY	COLOR
STANDARD	Front: Vinyl trimmed high-back buckets, inboard armrests and reclining Rear: Vinyl trimmed bench seat and split four passenger last seat	AR7	93W	Medium Pewter
OPTIONAL	Front: Bucket with custom cloth trim, head restraints and inboard armrest Rear: Bench seats with custom cloth (head restraints not available on rear bench seats)	AS5	93G	Medium Pewter

NOTE: Vinyl trim only available in Medium Dark Pewter

EMISSIONS - MUST BE SPECIFIED

FE9	FEDERAL EMISSIONS. Use for ordering vehicles that will be registered in all states except California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State
YF5	CALIFORNIA EMISSIONS. Use for ordering vehicles that will be registered in California.
NE1	CT/ME/MD/MA/NJ/NM/NY/OR/PA/RI/VT/WA EMISSIONS. Use for ordering vehicles that will be registered in Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont or Washington State
NB8	Required when option code FE9 "FEDERAL EMISSIONS" is ordered for delivery to a dealer located in California, Connecticut, Massachusetts, Maryland, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island and Washington State for a purchaser who will be registering the vehicle outside California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State.
NC7	Required when option code YF5 "CALIFORNIA EMISSIONS" or option code NE1 "CT/ME/MD/MA/NJ/NM/NY/OR/PA/RI/VT/WA EMISSIONS" is ordered for delivery to a dealer located in any state except California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington for a purchaser who will be registering the vehicle in one of these states or sold as permitted below under "EPA Policy on the Sale of California Emission Vehicles"
NB9	Required when option code YF5 is ordered for delivery to a dealer located in Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington. Required when option code NE1 is ordered for delivery to a dealer located in California.

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.

AVAILABLE OPTIONS

C69	**AIR CONDITIONING, REAR** - Requires TR9 auxiliary lamps, includes C36 rear heater, U80 digital compass and KG3 145-amp alternator.
KG3	**ALTERNATOR, 145-AMPS** - Included with C69 rear air conditioning.
US8	**AUDIO SYSTEM** - AM/FM stereo with CD/MP3 player, seek-and-scan, digital clock, auto-tone control, Radio Data System (RDS), two front door speakers and two rear door speakers and two in the sound bar, requires ZQ2 Convenience Package.
U1C	**AUDIO SYSTEM** - AM/FM stereo with CD player, seek-and-scan, digital clock, theftlock, random select and 2 front door speakers, not available with NP5 leather wrapped steering wheel.
USR	**AUDIO SYSTEM FEATURE** - USB port, included and only available with US8 AM/FM stereo with MP3 compatible CD player
UYS	**AUDIO SYSTEM WITH NAVIGATION** - AM/FM stereo with MP3 compatible CD/DVD player and navigation, USB Port, seek-and-scan, digital clock, auto-tone control Radio Data System (RDS), speed-compensated volume and TheftLock, not available with UE0 OnStar delete
UA1	**BATTERY** - Heavy-duty 770 CCA, maintenance-free with rundown
UPF	**BLUETOOTH FOR PHONE**[10] - Personal cell phone connectivity to vehicle audio system, requires UE1 OnStar[8], US8 AM/FM stereo with MP3 compatible CD player, U2K XM Radio[9], NP5 leather-wrapped steering wheel, W1Y steering wheel controls, ZQ3 Convenience Package. Not available with UE0 OnStar delete on UYS
V37	**BUMPERS** - Front and rear chrome with step pad (included with ZR7 Chrome Appearance Package)
ZR7	**CHROME APPEARANCE PACKAGE** - Includes V37 front and rear chrome bumpers with step-pad and V22 chrome grille with dual composite halogen headlamps
V10	**COLD CLIMATE PACKAGE** - Includes engine block heater (includes K08 if ordered with 6.6L turbo diesel)
U80	**COMPASS** - 8-point digital located in the Driver Information Center, included and only available with C69 rear air conditioning.
BA3	**CONSOLE** - Deluxe with swing-out storage bin
ZQ3	**CONVENIENCE PACKAGE** - Tilt-wheel and cruise control
K34	**CRUISE CONTROL** - Included and only available with ZQ3 Convenience Package, tilt-wheel and cruise control.
C49	**DEFOGGERS** - Rear window, requires tinted glass
YA2	**DOOR** - Sliding passenger, side (requires C69 rear air conditioning)
AU3	**DOOR LOCKS** - Power with lock-out protection (included with ZQ2 Convenience Package)
K05	**ENGINE BLOCK HEATER** - Included and only available with V10 Cold Climate Package which requires L96 Vortec 6.0L V8 SFI FlexFuel[2] engine
B30	**FLOOR COVERING** - Full-floor color-keyed carpeting with front and rear rubberized-vinyl floor mats
V22	**GRILLE** - Chrome with dual composite halogen headlamps (included and only available with ZR7 Chrome Appearance Package)
K08	**HEAT GENERATOR** - Auxiliary-fuel-operated supplemental heat source to cooling system to improve heat out put (included with V10 and LGH Duramax 6.6L turbo diesel)
C36	**HEATER, REAR AUXILIARY** - Included with C69 rear air conditioning.
UF3	**HIGH IDLE SWITCH** - Requires *G33*06, L96 Vortec 6.0L V8 SFI or 6.6L V8 L6H diesel engine and ZQ3 Convenience Package.
TR9	**LAMPS** - Lamps, auxiliary with reading and underhood lamps, requires C69 rear air conditioning. Includes DH6 driver and front passenger visor vanity mirrors
DE5	**MIRRORS** - Outside, left hand and right hand, remote control electric, manual foldaway with defog feature (requires ZQ2)
UD7	**REAR PARK ASSIST** - Requires UM7 AM/FM stereo, US8 AM/FM stereo with CD/MP3 player or UYS AM/FM stereo with MP3 compatible CD/DVD player and navigation
UVC	**REAR VISION CAMERA** - Display integrated into rearview mirror, integrated into navigation screen when UYS AM/FM stereo with MP3 compatible CD/DVD player and navigation is ordered
ATG	**REMOTE KEYLESS ENTRY** - Includes 2 transmitters and remote panic button
BTV	**REMOTE VEHICLE STARTER SYSTEM**- Includes remote keyless entry, 2 transmitters (requires ATG)
ZP3	**SEATS** - 15-passenger seating (2/3/3/3/4 seating configuration)
AS5	**SEATS** - Front bucket with custom cloth trim, head restraints and inboard armrests, requires (**G) interior trim. When ordering a seating arrangement that includes rear seats, includes rear bench seats with custom cloth trim. Head restraints are not available on rear bench seats
DT4	**SMOKER'S PACKAGE** - Includes ash tray and lighter
Z82	**TRAILERING SPECIAL EQUIPMENT** - Heavy-duty, included platform trailer hitch and 7-wire harness
DH6	**VISORS** - Driver and front passenger, padded with cloth trim and dual vanity mirrors, illuminated on passenger-side, included and only available with TR9 auxiliary lamps
40P	**WHEEL FINISH, PAINTED WHITE** - White-painted wheels in lieu of standard Gray-painted wheels
P03	**WHEEL TRIM** - Chrome center cap

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.
8. Visit OnStar.com for coverage map, system limitations and details.
9. XM Radio requires a subscription, sold separately by XM after the trial period. Not available in Canada, Alaska or Hawaii. For more information, visit gm.xmradio.com.
10. Go to gm.com/bluetooth to find out which Bluetooth phones are compatible with the vehicle.

AVAILABLE EXTERIOR COLORS

GAN	GBV	GWX	25U	41U	47U	50U	74U	9W3
*Silver Ice Metallic New	* Brownstone Metallic New	*Cyber Gray Metallic New	*Dark Blue Metallic	**Black	*Dark Green Metallic	Summit White	**Victory Red	**Wheatland Yellow

NOTE: * Additional Charge ***** Not avaialble with B46 rear body-colored halo trim*** ***Actual colors may vary***

SEO PAINT AVAILABLE

WA#	COLOR DESCRIPTION	CODE
215D	Yellow	TBD
259L	Yellow	TBD
451N	Blue	TBD
478G	Yellow	TBD
519F	Galaxy Silver Metallic	TBD
529F	Bronzemist	TBD
811K	Berry Red	TBD
5456	Yellow	TBD
7927	Green	TBD
7941	Green	TBD
8867	Silver Metallic	TBD
9015	Woodland Green	9V5
9403	Doeskin Tan	9V9
9414	Yellow	TBD
9417	Tangier Orange	9W4

Actual Color May Vary

NOTE: • All normally body-colored non-sheet metal parts, will be Flat Black

• SEO paint orders that contain less than five vehicles will be delayed until five unit minimum is received for batch production

GENERAL

Model	CG33406
Model	CG33706
Drive	Rear-wheel

EXTERIOR (in./mm)

EXTERIOR (in./mm)	CG33406 1LS/2LS Regular Wheelbase	CG33706 1LS/2LS Extended Wheelbase
Wheelbase	135.0/3429	155.0/3937
Overall length	224.1/5692	244.1/6200
Body width	79.2/2013	79.2/2013
Overall height	81.5/2070	82.8/2103
Front bumper to axle	39.7/1008	39.7/1008
Opening height, side door	47.9/1217	47.9/1217
Opening height, rear door	49.4/1255	49.4/1255
Opening width, sliding side door	44.1/1120	44.1/1120
Opening width, rear door, at beltline	57.0/1448	57.0/1448
Step up height, front door	19.4/493	19.4/493
Step up height, side door	19.8/503	19.8/503
Ground clearance, front	11/279	8.8/224
Ground clearance, rear	7.1/180	7.7/196

INTERIOR (in./mm)

Head room, 1st row	39.8/1011	39.8/1011
Head room, 2nd row	38.4/975	38.4/975
Head room, 3rd row	38.5/978	38.5/978
Head room, 4th row	37.6/955	37.6/955
Head room, 5th row	–	37.6/955
Shoulder room, 1st row	68.8/1748	68.8/1748
Shoulder room, 2nd row	68.6/1742	68.6/1742
Shoulder room, 3rd row	65.8/1671	65.8/1671
Shoulder room, 4th row	69.1/1755	69.1/1755
Shoulder room, 5th row	–	62.9/1598
Hip room, 1st row	65.5/1664	65.5/1664
Hip room, 2nd row	65.6/1666	65.6/1666
Hip room, 3rd row	63.3/1608	63.3/1608
Hip room, 4th row	65.7/1669	65.7/1669
Hip room, 5th row	–	62.9/1597
Leg room, 1st row	41.3/1049	41.3/1049
Leg room, 2nd row	36.3/922	36.3/922
Leg room, 3rd row	36.6/930	36.6/930
Leg room, 4th row	36.6/930	36.6/930
Leg room, 5th row	–	34.1/866
Ground to top of rear load floor	27.8/706	30.1/765
Load floor length, to front seat, at floor	126.2/3205	146.0/3708
Load floor length, to engine cover, at floor	153.6/3901	173.6/4409
Inside width, between wheelhousing	50.4/1280	50.4/1280
Cargo area height	51.8/1316	51.8/1316

Published dimensions indicated are without optional equipment or accessories. Additional accessories or equipment order at customer's request can result in a minor change in these dimensions.

CAPACITY

Curb weight, lbs.[3] (kg)	6087/2761	6406/2906
Cargo volume, regular, with seats, cu. ft.[3] (liters)	92.1/2608.3	127.2/3602.3
Cargo volume, regular, with seats removed, cu. ft.[3] (liters)	216.2/6122.8	252.8/7159.3
Payload[6], lbs. (kg)	3461/1570	3142/1425
Gross Vehicle Weight Rating[5] (GVWR), lbs. (kg)	9600/4354	9600/4354
Front Gross Axle Weight Rating (FGAWR), lbs. (kg)	4600/2087	4600/2087
Rear Gross Axle Weight Rating (RGAWR), lbs. (kg)	6084/2760	6084/2760
Seating capacity (front/2nd/3rd/4th)	2/3/3/3	2/3/3/3/4

ENGINE

ENGINE	1LS STD	1LS OPT	2LS STD
Type	V8	V8	V8
Displacement: liters/cu. in.	4.8/293	6.0/366	6.6/403
Horsepower/rpm	285@5400	323 @ 4600	260 @ 3100
Torque lb.-ft./rpm	295@4600	373 @ 4400	525 @ 1600
Fuel system	SFI	SFI	Turbo Diesel
Compression ratio	–	9.6:1	–
Exhaust	Single	Single	Single
Minimum recommended fuel octane	87	87	–
Fuel tank capacity (gallons/liters)	31/117.3	31/117.3	31/117.3

TRANSMISSION

Automatic heavy-duty	6-speed	6-speed	6-speed

AXLE

Ratio	3.42	3.42	3.54

BATTERY

Type	Maintenance free	Maintenance free	Maintenance free
BCI group size	78	78	78
Volts	12	12	12
Amp hour rating	69	69	63
Cold cranking-amps @ 0°F (-18°C)	600	600	Dual 770*
Reserve capacity @ 80°F (27°C)	115	115	115

Standard on 2LS with 6.6L Turbo Diesel

BRAKES

ABS hydra-boost	Disc/Disc	Disc/Disc	Disc/Disc
Front size	12.8 x 1.50	12.8 x 1.50	12.8 x 1.50
Rear size	13.0 x 1.14	13.0 x 1.14	13.0 x 1.14

TIRES

Type	All-season	All-season	All-season
Size	LT245/75R16	LT245/75R16	LT245/75R16

WHEELS

Type	Steel	Steel	Steel
Size	16" x 6.5"	16" x 6.5"	16" x 6.5"

CHASSIS

Frame	Full length boxed frame	Full length boxed frame	Full length boxed frame
Front suspension	Independent with coil spring and stabilizer bar	Independent with coil spring and stabilizer bar	Independent with coil spring and stabilizer bar
Rear suspension	Hypoid driver axle w/multi-leaf springs	Hypoid driver axle w/multi-leaf springs	Hypoid driver axle w/multi-leaf springs
Steering type	Speed sensitive (EVO), variable ratio, integral power	Speed sensitive (EVO), variable ratio, integral power	Speed sensitive (EVO), variable ratio, integral power
Steering ratio (center/stop)	17.2:1	17.2:1	17.2:1

ALTERNATOR

Type Standard with rear AC	TBD	TBD	AD244
Amps	*105	*105	145
Amps @ idle	TBD	TBD	59

Without Rear air conditioning. 145-amp required with rear air conditiong

3. Cargo and load capacity limited by weight and distribution.
5. Gross Vehicle Weight Rating (GVWR). When properly equipped, includes vehicle, passengers, cargo and equipment.
6. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.

Can specialty vehicle equipment (e.g. radar devices, video cameras, computers, meters, radio trees, shotguns, etc.) still be mounted in cars with passenger side air bags?

Yes, but care must be taken to mount the equipment outside of the deployment zone. Air bags inflate with great force and will interact with any object in the deployment zone. Therefore, to reduce the risk of injury to vehicle occupants, GM recommends that the air deployment zone be kept free of any equipment. If a piece of equipment were to become dislodged it could strike an occupant in the vehicle and result in injury. The likelihood of an object becoming dislodged is influenced by many factors, including the proximity of the object to the inflatable restraint, the size and shape of the object, and the means by which the object is secured to the vehicle. In addition to these factors, the trajectory and velocity of a dislodged object can be influenced by the type and severity of vehicle crash.

Objects that are in the deployment zone, but do not become dislodged by an inflating air bag can still affect the performance of the air bag. For example, such objects could tear the fabric or affect the shape of the air bag, thus reducing the ability of the bag to provide restraint.

Is it possible to shield equipment that is installed in the passenger side frontal air bag deployment zone in a manner that will allow full and safe air bag deployment?

Due to the complexity of influencing variables, GM is unable to evaluate the potential for shielding expected equipment configurations in all accident scenarios in order to assure that the air bag performance would be unaffected. While shielding may protect certain equipment from being damaged or dislodged, it may also negatively affect the inflation characteristics of the air bag. The air bag's shape, inflation angle, fold pattern, and inflation rate and pressure are developed to maximize the protection capability of the inflatable restraint system. Therefore, GM cannot recommend the placement of any equipment in the deployment zone, even if it is shielded to protect it from damage.

Front air bag systems and instrument panel mounted equipment.

Passenger air bags in GM vehicles deploy in different ways depending upon the type of vehicle and the particular instrument panel design.

In some vehicles, the passenger air bag deploys through a discrete door located on the top surface of the instrument panel (top-mount air bag systems). In other vehicles, such as the Chevrolet Tahoe, the passenger air bag deploys through a discrete door mounted on the vertical rearward surface of the instrument panel, above the glove box door (mid-mount air bag system). With these types of top-mount and mid-mount passenger air bag systems, the top pad of the instrument panel remains in place during deployment.

Some GM passenger air bag systems, like the system in the Chevrolet Impala, deploy from beneath the instrument panel top pad. These are considered 3/4-mount air bag systems with a "deployable top pad." The entire instrument panel top pad is the "deployment door" from under which the inflating air bag emerges. When an air bag deployment is commanded, the forces from the inflating passenger air bag push up on the instrument panel top pad, releasing special fasteners across the rearward edge of the top pad. This allows the top pad to rotate upward so that the passenger air bag may emerge. The top pad rotates upward to open widest at the right hand side, and is usually forced upward into contact with the windshield on the right hand side of the vehicle during a deployment.

Instrument panel top mounted special equipment, such as a radar antenna and control unit or video camera must be positioned to the left of the vehicle center line. This equipment must be mounted as low as possible and securely fastened to the top pad to avoid being dislodged in the event of a crash and possible air bag deployment. In the process of securely fastening special equipment to the top, DO NOT fasten down the top pad itself to any other vehicle component such as the cluster trim plate. As described above, the top pad rotates upward during a deployment. In order to enable the proper deployment of the passenger air bag, specialty equipment installation MUST NOT PREVENT the top pad from rotating upward during deployment. Location and attachment of special equipment should minimize added resistance or interference to upward rotation of the top pad during deployment.

Side-Impact Air Bags for crashes to the vehicle sides.

The air bag system in your police vehicle includes includes roof rail mounted Head Curtain side air bags.. The vehicle is also equipped with seat back mounted upper body air bags located on the outboard side of the driver and front passenger seat backs. Together the Head Curtain and seat-mounted side air bags are intended to protect the head and upper body in the event of a side crash. Some vehicles may also be equipped with an optional air bag, mounted on the inboard side of the driver seat back.

Can Specialty Vehicle Security Barriers be mounted within the side air bag deployment zones?

No. The side air bags inflate extremely fast because of the nature of side crashes to the vehicle. Mounting a security barrier behind the front seats with the ends placed within the side air bag deployment zones will result in unintended interaction between the barrier and the inflating side air bags. To reduce the risk of injury to the vehicle occupants, GM recommends that the side air bag zones be kept free of any customer installed equipment.

Customer furnished equipment installed to the vehicle roof.

Your police vehicle is designed with an interior roof cover system which includes internal components for the interior lamps and wiring. The roof system may also include side air bag components. Inflation devices may be mounted on the vehicle roof side behind the rear doors as well as air bag tethers retained to the windshield pillars. Care must be taken to avoid damage to these components or interference with their operation when installing roof mounted equipment such as emergency lamps and communication antennas.

Recommended GM service procedures must be followed to remove and re-install the instrument panel top pad to ensure that the top pad will release properly in the event of a passenger air bag deployment.

On the right half of the top pad closest to the passenger air bag module, GM recommends that no equipment be mounted. When mounting equipment on the driver side of the top pad, GM recommends that the total mass of the top pad mounted special equipment not exceed 8 pounds (3.6 kilograms), since some top pads tend to rotate about the left end.

Fasteners used to secure special equipment to the instrument panel top pad, the windshield glass, or to the windshield upper frame (header), should be selected to ensure that these devices will remain attached during a vehicle crash and possible air bag deployment.

Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

Can the installation of push bumpers on the front end of the vehicle affect the deployment of the air bag?

General Motors is not aware of adverse effects during crash events from the many push bumpers thai have been installed on GM police vehicles. Because there are many styles of push bumpers available with varying crash characteristics, installation of push bumpers may or may not affect deployment timing of the air bags. Push bumpers should be mounted to avoid modifying the vehicle structure and interfering with the front air bag sensors mounted on the upper radiator support cross member

Two front impact sensors are installed in General Motors vehicles. Do not relocate or disconnect the front sensors. The location and orientation of the front sensors are critical for correct operation of the air bag system. Avoid mounting components on or near the sensors. Push bumper styles with vertical pushing members that are in foreaft alignment with the front air bag sensors are not recommended.

When should an air bag inflate?

The driver's and right-front passenger's frontal air bags are designed to inflate in moderate to severe frontal or near-frontal crashes. But they are designed to inflate only if the impact speed is above the system's designed "threshold level."

In addition, your vehicle has “dual stage” frontal air bags which tailor the the amount of restraint according to crash severity. For moderate frontal impacts, the air bags inflate at a level less than full deployment. For more severe frontal impacts, "dual stage" frontal air bags deploy at full levels.

If the front of your vehicle goes straight into a wall that doesn't move or deform, the threshold level of the reduced deployment is about 12 to 16mph (19 to 15 km/h), and the threshold level for a full deployment is about 18 to 24 mph (29 to 28.5 km/h). The threshold level can vary, however, with specific vehicle design, so that it can be somewhat above or below this range.

If your vehicle strikes something that will move or deform such as a parked car, the threshold level will be higher. The driver's and right-front passenger's frontal air bags are not designed to inflate in rollover, side impacts, or rear impacts, because inflation would not help the occupant.

Seat mounted side impact air bags are designed to inflate in moderate to severe side crashes. The side impact air bags will inflate if the crash severity is above the designed "threshold level." The threshold level can vary with specific vehicles design. The side impact air bags are not designed to inflate on frontal or near-frontal impacts or rear impacts, because inflation would not help the occupant.

Roof rail mounted head-curtain air bags are designed to inflate in moderate to severe side crashes. In addition, certain vehicles have head-curtain air bags which are also designed to inflate in situations where an impending rollover condition is identified by the vehicle's rollover sensing system and/or frontal or near-frontal impacts if the crash severity is above the designed "threshold level".

Safety belt pretensioners at the driver and front passenger seat positions are designed to deploy in frontal, near-frontal, side, and rear crashes that exceed the "threshold level" of crash severity to help reduce slack in the safety belt Safety belt pretensioners will also deploy in impending rollover situations.

How long will the air bag remain inflated?

It takes approximately 1/20th of a second to fully inflate the frontal air bags. This is faster than the blink of an eye. The air bags begin to deflate immediately, helping to stop the occupants more gradually.

I've heard that a deployed air bag produces whet appears to be smoke, is the air bag hot?

After the bag has deployed in a crash, the air bag itself will not be hot to touch. Some components within the air bag module will be hot for a short time. A small amount of smoke coming from a deployed air bag module is normal and should not be cause for concern.

Also, when the nitrogen gas is vented out of the air bag, small particles from inside the bag are also vented into passenger compartment. These airborne particles look like smoke and some particles are deposited as residue on and around the air bag.

I've heard that the dusts that are released into the passenger compartment from the air bag are harmful, is this true?

For most people, the only effect the dusts will produce is some irritation of the throat and eyes, and that is only if the occupant remains in the vehicle for many minutes after the air bag deployment with no ventilation and windows closed. However, some people with asthma may develop an asthmatic attack from inhaling the dusts. If this happens, they should first treat themselves the same way their doctor has advised them to treat any other asthma attack, and then immediately seek medical treatment.

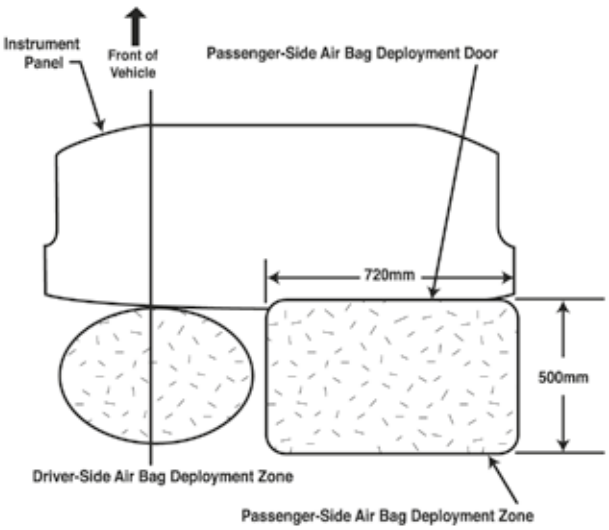
Can the air bag system be re-used?

No, The air bags are designed to inflate only once. After inflation some new parts will be required. These will include the air bag module and possibly other parts. (A competent service technician with access to the vehicle's service manual and the required tools should replace the required components after a deployment crash.)

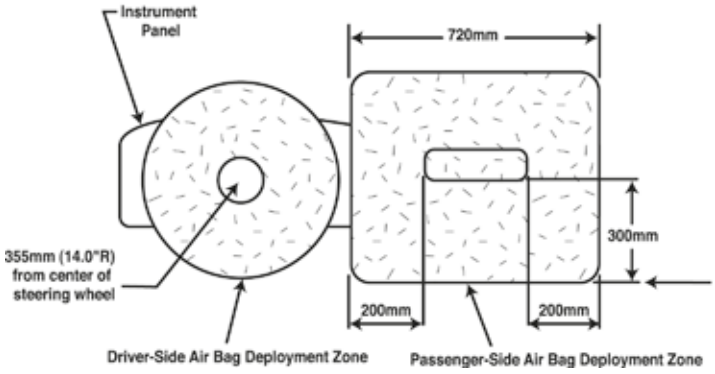
If my vehicle has air bags, why should I have to wear my safety belt?

Air bags are in many vehicles today and will be in most of them in the future. But they are supplemental systems only; so they work with safety belts not instead of them. Every air bag system ever offered for sale has required the use of safety belts. Even if you're in a vehicle that has air bags, you still have to buckle up to get the most protection. That's true not only in frontal collisions but especially in side and other collisions.

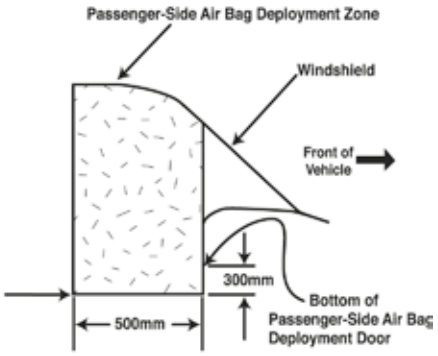
OVERHEAD VIEW



REAR VIEW

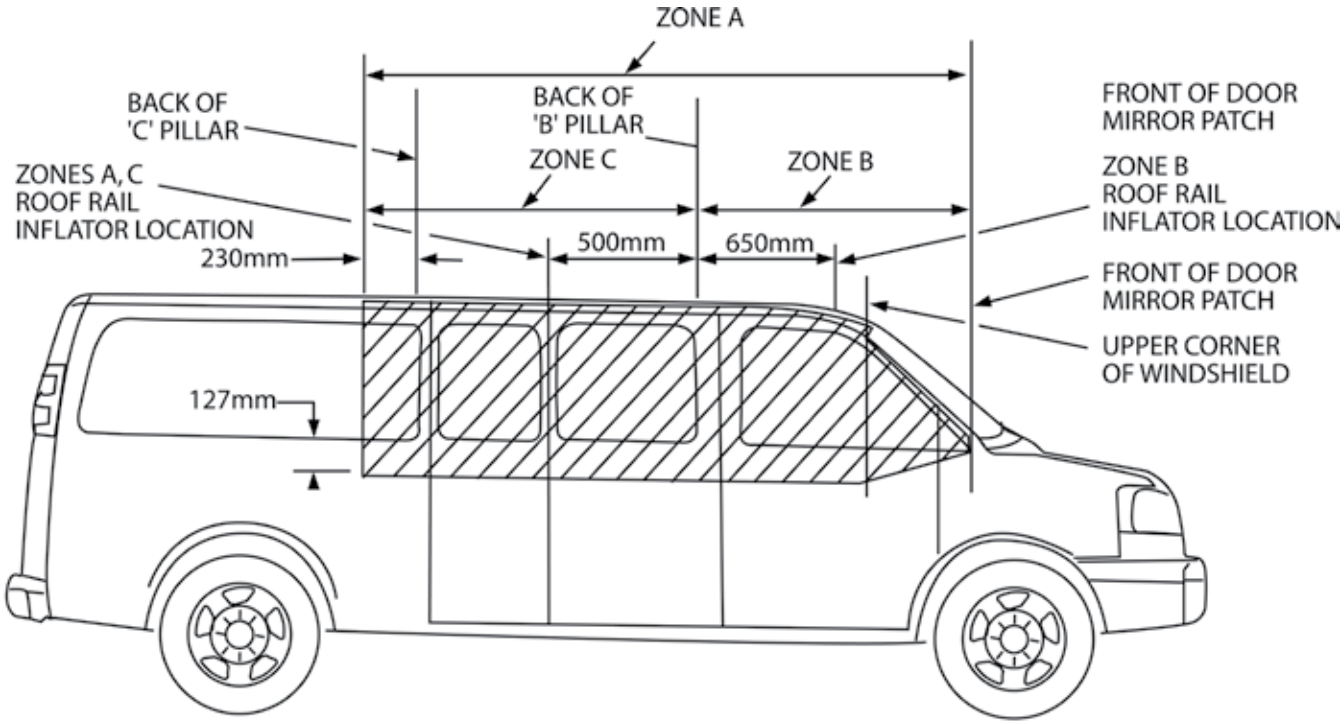


RIGHT SIDE VIEW



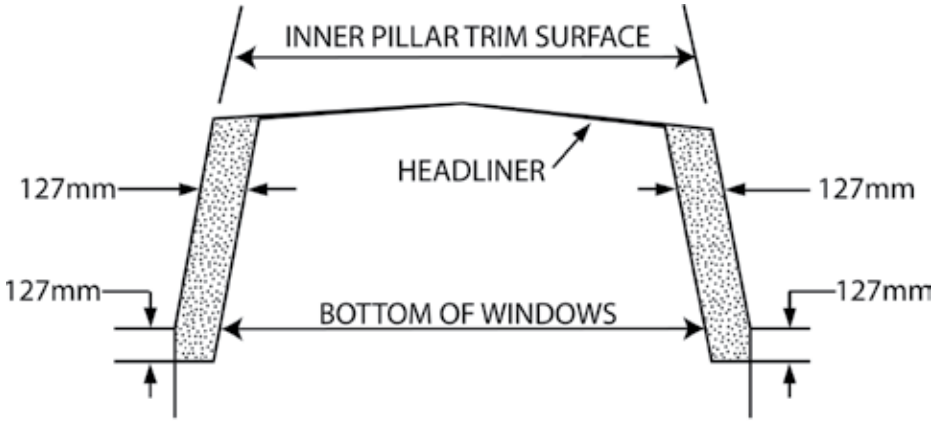
Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

NOTE: All dimensions are approximate and subject to change.



LONG W.B. SHOWN, SHORT W.B. SIMILAR

AIR BAG ZONE	USAGE	VEHICLE DESCRIPTION
A	LH/RH	PASSENGER VAN WITH RH SIDE 60/40 SWING OUT DOOR
A	LH	PASSENGER VAN WITH RH SLIDING DOOR
B & C	RH	
B	LH/RH	CARGO/WORK VAN (DRIVER/FRONT PASSENGER ONLY)



ROOF RAIL AIR BAG
DEPLOYMENT ZONES
VIEWED FROM REAR

Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

NOTE: All dimensions are approximate and subject to change.

GM offers Anti-Lock Brake Systems as standard or optional on all North American passenger vehicles and light truck lines. The computerized Anti-Lock Braking System (ABS) is designed to keep the vehicle's wheels rotating as the brakes are applied to assist the driver in achieving a controlled stop. Sensors monitor how fast the wheels rotate and feed the data continuously to the ABS computer. The vehicle's brakes slow each wheel as the brake pedal is applied. However, when ABS is activated due to road conditions, the system repeatedly releases and applies pressure to the brakes. The wheels can keep rolling, thus retaining steering ability and enhanced stability while providing a higher braking force on most surfaces than a locked wheel provides.

How exactly does ABS work?

In cars without ABS, hitting the brakes can cause the wheels to lock, leaving you unable to steer the vehicle until you decrease the pressure so the wheels can roll again. With an ABS, as you apply the brakes, the ABS computer monitors the wheel speed sensor information. If the computer senses that a wheel is approaching lock up, it sends a signal to the hydraulic modulator to reduce, then to reapply, brake pressure several times a second for as long as you maintain firm pressure on the brake pedal. The process is much like the threshold braking technique used with conventional brakes. However, ABS does it much faster and more accurately than any driver can, leaving you free to focus on steering away from obstacles.

Does ABS reduce stopping distances?

Yes, in braking situations where the wheels on a non-ABS equipped vehicle would lock up, ABS will generally provide shorter controlled stopping distance. The amount of improvement in stopping distance depends on many factors, including the road surface, severity of braking, initial vehicle speed, etc. On some surfaces, such as gravel roads, braking distances can be longer, but you will still have the control benefits of ABS. The important capability of ABS is control. ABS provides improved vehicle steerability and stability when braking.

What can affect the ABS advantage?

It is important that you follow the maintenance schedule recommended in the owner's manual of the vehicle, tires should be at their proper inflation level, the brake pads should be checked regularly, etc. While driving, you should sit comfortably, so that your hips are back in the seat and your knees are bent, even while braking. Your foot should be positioned so that your heel is on the floor and your toes are secure on the lower half of the pedal. And, though ABS may reduce stopping distance, remember: The faster you go, the longer it takes you to stop. Keeping a safe distance between you and the vehicle in front of you is always necessary, even with ABS.

What happens if ABS becomes inactive?

The ABS electronic control unit has on-board diagnostic capability. If a fault is detected, the vehicle will revert to the base brake system, and the ABS telltale on the dash will be illuminated. Should this happen, the vehicle should be taken to a dealership for repair as soon as possible.

How do I use ABS?

Depress and hold the pedal. DO NOT PUMP THE BRAKES (that prevents the system from working). Just hold the brake pedal down and let the ABS work for you. You may feel the brake pedal vibrate, or you may notice some noise, but this is normal as the system works for you.

Should I drive an ABS equipped vehicle differently than I would drive a vehicle with conventional brakes?

Most of the time, under normal driving circumstances, there is no difference, and you should always drive with the same caution and care. It is important to realize that ABS only makes a difference when it is activated—when you have to brake hard—and that would only be when the computer senses that a wheel is approaching lock up. When ABS activates keep steady pressure on the brake pedal and then let the ABS work for you. Don't pump the brakes or try to find the threshold. Simply hold the brake pedal down and steer if necessary to avoid an obstacle.

Is ABS always active?

ABS is always available, but not always activated. ABS is activated only when the brake pedal is applied and the computer detects an impending wheel lock condition.

Can older cars be retrofitted with ABS?

No! The brake system is one of the most important features on any passenger vehicle.

Several products, which tap into the master cylinder and/or brake system performance, are being sold in the aftermarket. Some of these products imply performance similar to new vehicle anti-lock brake systems.

However, contrary to their claims, add-on systems, which deplete fluid from the master cylinder on brake apply may actually increase a vehicle's stopping distance. This may cause the vehicle to fail to comply with Federal brake standards.

Does ABS always activate at the same speed?

No, the system operates when the computer detects wheel lockup, at any speed above 8 mph.

Will ABS wear out a vehicle's brakes sooner?

A properly maintained brake system will be unaffected by ABS operation under typical driving conditions.

Are there different types of ABS?

Yes, there are rear wheel anti-lock systems (RWAL) used on some trucks and four-wheel ABS available on cars and trucks.

Do Federal Safety Standards mandate ABS?

No. Federal standards establish minimum braking performance requirements that all vehicles must meet, but do not specify how they should be met. It should be noted that even a vehicle with failed ABS meets the Federal safety standard for stopping distances.

Will a tire size change affect ABS?

Use of tires other than original equipment may affect ABS performance. Owners should consult and follow the recommendations contained in the vehicle owner's manual regarding replacement tire size. ***NOTE: ABS will work with original equipment spare tire or tire chains. However, performance is reduced.***

Do insurance companies give a discount for ABS?

Yes, many insurance companies give discounts that range from 5% to 10%. In the states of New York and Florida all insurance companies are required to give an ABS discount of 5% on certain coverages such as bodily injury, property damage, collision, and personal injury protection. In other states the discount varies from insurance company to insurance company. When buying auto insurance, always ask your insurance agent if his/her company gives a discount for vehicles equipped with anti-lock brakes.

NOTE: All dimensions are approximate and subject to change.

IMPORTANT DRIVING SAFETY TIPS

A. **Always maintain a safe following distance.** ABS does not allow you to stop on a dime. (Generally a 2-second following distance is considered safe in ideal conditions.) Watch the vehicle in front of you pass a fixed marker (such as a sign). Count seconds—one-thousand-one, one-thousand-two-until your front bumper reaches the marker. If you do not count out two seconds, then you are too close to the vehicle in front of you. Also, if the roads are wet or icy, or visibility is poor, you should increase your following distance.

B. **Always drive carefully—** especially on slippery surfaces. ABS cannot create friction between the tires and the road surface, it can only give the driver the maximum advantage of the existing adhesion. If the vehicle is traveling on a surface with no adhesion, the best ABS in the world cannot provide a shorter stopping distance or good steering.

C. **It is a good idea to practice an ABS activated stop** and get the feel of the brake pedal. However, please make sure it's at a safe time with no obstacles in your path. And you only really need to try it once or twice to know what happens.

ELECTRONIC STABILITY CONTROL SYSTEMS (STABILITRAK)

StabiliTrak systems help drivers maintain control of their vehicles, especially during emergency lane changes or avoidance maneuvers. StabiliTrak uses various sensors, such as steering wheel angle, wheel speed, yaw velocity, etc., to detect any difference between the path requested by the steering wheel position and vehicle's actual path. When appropriate, the system selectively controls brakes, engine power, and even suspension settings to enhance control of the vehicle's direction and help keep it on course. Independent studies conducted by the National Highway Traffic Safety Administration, the Insurance Institute for Highway Safety, and others have found StabiliTrak to be highly effective in reducing vehicle crashes. General Motors offers StabiliTrak systems on many of its passenger car and light truck models.
See your owner's manual for additional information about the operation of StabiliTrak.

Q. How do I use StabiliTrak?
A. StabiliTrak operates independently of the driver. You should continue to drive your StabiliTrak equipped vehicle with caution and care. GM's StabiliTrak system, StabiliTrak, is designed to be as seamless as possible in operation, to be part of the overall vehicle response and to make a good vehicle better

Q. How does StabiliTrak work?
A. StabiliTrak has the ability to apply control forces to the vehicle independent of the driver. StabiliTrak uses sensors to continuously compare the path indicated by the steering wheel position to the vehicle's actual path. If a discrepancy is detected, StabiliTrak selectively controls vehicle brakes and engine torque to create a yaw moment that helps restore the vehicle's actual path to the path indicated by the steering wheel position. StabiliTrak has the ability to help correct both understeer (where the vehicle is not turning as much as the steering wheel position indicates) and oversteer (where the vehicle is turning more than the steering wheel position indicates). The illustration at right shows how selective braking at a particular wheel can create a compensating yaw moment to help restore the vehicle's actual path to the path indicated by the steering wheel position.

Q. Will a tire change affect StabiliTrak?
A. Use of tires other than original equipment may affect StabiliTrak performance. StabiliTrak is designed to make the best use of available traction. The performance characteristics of the original equipment tires are part of the overall system effectiveness. When you replace tires check the recommendations in your owner's manual. On GM vehicles, the original equipment tires have a "TPC" (Tire Performance Criteria) code on the sidewall. Replacing the tires with the same "TPC" code will help assure proper StabiliTrak performance.

UPDATES FOR 2014

NEW FEATURES

- CONCORD METALLIC

DELETED

- BLUE RAY METALLIC (GXH)
- BLACK GRANIT METALLIC (58U)
- SPECIALTY PAINT WHEATLAND YELLOW (253A)
- SPECIALTY PAINT DARK TOREADOR RED (334D)
- SPECIALTY PAINT DARK BLUE METALLIC (722J)
- SPECIALTY PAINT BLUE (5665)
- SPECIALTY PAINT GREEN (7941)
- SPECIALTY PAINT WOODLAND GREEN (9015)
- SPECIALTY PAINT YELLOW (9414)
- NO 3/4 TON MODELS FOR 2014 MODEL YEAR

NOTE: This vehicle is NOT designed nor intended for use IN HIGH SPEED EMERGENCY VEHICLE OPERATIONS

MODEL AVAILABILITY

CC10906	Rear-wheel drive 1/2 ton
CK10906	4-wheel drive 1/2 ton

STANDARD EQUIPMENT SUMMARY

WARRANTY	3 years / 36,000 miles bumper-to-bumper (whichever comes first, see dealer for details) 5 years / 100,000 miles limited powertrain (whichever comes first, see dealer for details)

INTERIOR FEATURES

AIR CONDITIONING	Tri-zone manual climate control with individual climate settings for driver and right-front passenger; includes auxiliary rear air conditioning and heat
ASSIST HANDLES	Front passenger and second row outboard; front passenger assist handle is deleted when passenger side spotlamp is ordered
CONSOLE, OVERHEAD	Mini with map lamps
CRUISE CONTROL	Electronic with set and resume speed
DOME LAMPS	Interior dome lamp, driver and passenger side door switch with delayed entry feature, cargo lamps, remote keyless entry activated illuminated entry and map lamps in front and second seat position
FLOOR COVERING	Black rubberized-vinyl (not available with B39 cargo mat)
GLASS	Deep tinted (all windows except light-tinted glass on windshield, driver and front passenger side glass)
MIRROR	Inside rearview auto-dimming
ONSTAR	Delete option available
POWER OUTLETS	12-volt, two located on instrument panel and one in rear cargo area
RADIO	AM/FM stereo with MP3 compatible CD player, seek-and-scan, digital clock, auto-tone control, Radio Data System (RDS), six speakers, speed-compensated volume and theftlock
RESTRAINT SYSTEM	Safety belts, driver and front passenger with pretensioners, dual stage driver and passenger frontal air bags[1], passenger sensing system and frontal air bag[1] ON/OFF indicator, rollover sensor, dual head curtain air bags[1] for first and second row outboard occupants and front seat back mounted thorax-pelvic air bags[1]; includes 3rd row outboard seating position when 3 passenger third row 50/50 split-bench option AS3 is ordered
SEAT, FRONT	Split-bench 40/20/40 with custom cloth 3-passenger, includes 6-way power driver seat adjuster with manual lumber control, driver and passenger manual reclining, outboard head restraints, center fold-down covered storage in armrest, center lower seat cushion storage and rear storage pockets
SEAT, REAR	Custom cloth 60/40 split folding bench with center armrest
SEAT, THIRD ROW	50/50 split-bench 3-passenger with premium cloth, safety belts, removable seat
SPEEDOMETER/CLUSTER	120 mph analog speedometer, trip odometer, fuel level, volt meter, engine temperature oil pressure and tachometer
STEERING COLUMN/WHEEL	Tilt-wheel, adjustable, with brake/transmission interlock
THEFT DETERRENT	Vehicle theft PASS-Key® III+, content theft deterrent is disabled (to enable content theft deterrent option UA6 must be ordered)
VISORS	Padded with cloth trim, extends on rod; driver and front passenger illuminated vanity mirrors
WARNING TONES	Headlamp on, key-in-ignition, driver and right-front passenger safety belt unfasten and turn signal on
WINDOW OPERATION	Power with driver express-down and lockout features

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

EXTERIOR FEATURES

ASSIST STEPS	Black, mounted between front and rear wheels
DEFOGGER	Electric, rear window
DOOR HANDLES	Black
DOOR LOCKS	Power programmable with lockout protection, door lock cylinder no longer available on passenger front door and rear liftgate
FASCIA, FRONT	Color – keyed (Black when special paint is ordered)
FASCIA, REAR	Color – keyed (Black when special paint is ordered)
HEADLAMPS	Dual halogen composite with automatic exterior lamp control and flash-to-pass feature
KEYLESS ENTRY	Includes two transmitters
KEYS	Single two-sided, random code, for ignition and drivers door only
LUGGAGE RACK	Roof mounted Black side rails (center rails and luggage rack delete are available)
MIRRORS	Outside heated power-adjustable, manual-folding, Black
REAR LIFTGATE	Liftgate/liftglass, with rear window washer and wiper (power liftgate not available)
RECOVERY HOOKS	Two front, Black (Chrome only available on LTZ)
WINDSHIELD WIPERS	Intermittent wet-arm with flat blade and pulse washers

CHASSIS FEATURES

ALTERNATOR	160-amp
BATTERY	660 CCA, maintenance-free, rundown protection and retained accessory power
BRAKES	4-wheel antilock, 4-wheel disc, vac power
ENGINE	See engine, transmission and axle chart on page 4
FRAME	Modular with hydro formed frame rails
FUEL TANK CAPACITY	31 gallon (117.3 liters)
OIL COOLERS	Auxiliary transmission oil cooler, heavy-duty air-to-oil (requires 3.42 axle ratio on 1/2 ton models)
STABILITRAK	Vehicle stability control system with proactive roll avoidance
STEERING	Power, rack and pinion
SUSPENSION, FRONT	Coil-over-shock with stabilizer bar
SUSPENSION, REAR	Multi-link with coil springs
TIRES	See tire and wheel chart on page 5
TIRE PRESSURE MONITOR	CHECK TIRE PRESSURE will show on Driver Information Center (no sensor in spare tire)
TIRE, SPARE	See tire chart on page 5
TIRE, SPARE CARRIER	Lockable outside, winch-type mounted under frame at rear
TRAILERING EQUIPMENT	Heavy-duty includes trailering hitch platform, 7-wire harness with independent fused trailering circuits mated to a 7-way sealed connector and VR4 2-inch trailering receiver. Electronic trailer sway control and hill start assist
TRANSFER CASE	Active single-speed, electronic autotrac with rotary controls, does not include Neutral (N). Cannot be dinghy towed, requires GU4 3.08 rear axle. Not available on 2WD models
TRANSMISSION	6-speed automatic, see engine, transmission and axle chart on page 4
WHEELS	See wheel and tire chart on page 5

COMMERCIAL FLEET PACKAGE OPTION 1FL

ENGINE/AXLE

S = Standard Equipment A = Available – (dashes) = Not Available

		TRANSMISSION		AXLE			GVWR lbs. (kg)		
MODEL	ENGINE	MYC 6-SPEED AUTOMATIC	MYD 6-SPEED AUTOMATIC HD	GU4 3.08	GU6 3.42	GT4 3.73	C5Z 7200 (3266)	C6C 7400 (3357)	C6P 8600 (3901)
CC10906	LMG Vortec 5.3L V8 SFI FlexFuel[2]	S	—	S	A	—	S	—	—
CK10906	LC9 Vortec 5.3L V8 SFI FlexFuel[2]	S	—	S	A	—	—	S	—

NOTE: Emission type must be ordered
FE9 - Federal YF5 - California NG1 - Northeast States

TRAILERING SPECIFICATIONS

AUTOMATIC TRANSMISSION RATINGS WITH BALL HITCH

MODEL	(LMG) VORTEC 5.3L V8 SFI FLEXFUEL[2]		(LC9) VORTEC 5.3L V8 SFI FLEXFUEL[2]	
	AXLE RATIO	MAXIMUM TRAILER WEIGHT LBS.[7] (KG)	AXLE RATIO	MAXIMUM TRAILER WEIGHT LBS.[7] (KG)
CC10906	3.08	5100 (2313)	—	—
	3.42	5600 (2540)	—	—
CC10906*	3.42	8100 (3674)	—	—
CK10906	—	—	3.42	5500 (2495)
CK10906*	—	—	3.42	8000 (3629)

*with (K5L) heavy-duty Trailering Package

GCWR - ENGINE/REAR RATIO COMBINATION WITH AUTO TRANS

ENGINE	(GCWR) GROSS COMBINATION WEIGHT RATINGS LBS. (KG)	
	11000 (4989)	14000* (6350)
(LMG) Vortec 5.3L V8 SFI FlexFuel[2]	3.08	3.42
(LC9) Vortec 5.3L V8 SFI FlexFuel[2]	—	3.42
(L96) Vortec 6.0L Variable Valve Timing V8 SFI FlexFuel[2]	—	—

*with (K5L) heavy-duty Trailering Package

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to www.gmaltfuel.com/e85-station-locator.
7. Maximum trailer weight ratings are calculated assuming a base vehicle, except for any option(s) necessary to achieve the rating, plus driver. The weight of other optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow.

TIRES AND WHEELS

ROAD TIRES

CODE	SIZE	DESCRIPTION	SIDE WALL	USAGE	MODELS
QAN	P265/70R17	All-season	Blackwall	Standard	1/2 ton 2 or 4WD
QJP	P265/70R17	On/off-road	Blackwall	Optional	1/2 ton 4WD

SPARE TIRES

CODE	SIZE	DESCRIPTION	SIDE WALL	USAGE	MODELS
ZRS	P265/70R17	All-season	Blackwall	Standard	1/2 ton
4JP	P265/70R17	On/off-road	Blackwall	Optional	1/2 ton (requires QJP tires)

ROAD WHEELS

CODE	SIZE	DESCRIPTION	SIDE WALL	USAGE	MODELS
NX7	17" x 7"	4 – steel	Steel	Standard	1/2 ton
P46	17" x 7.5"	4 – 5 spoke	Aluminum	Optional	1/2 ton

SPARE WHEELS

CODE	SIZE	DESCRIPTION	SIDE WALL	USAGE	MODELS
NZ4	17"	One – steel	Steel	Standard	1/2 ton

NOTE: Polished forged aluminum, includes chrome center caps and steel spare

SEATS AND INTERIOR TRIM

S = Standard Equipment A = Available -- (dashes) = Not Available

DECOR LEVEL	SEAT TYPE	SEAT CODE	SEAT TRIM	INTERIOR		
				EBONY	LIGHT CASHMERE/ DARK CASHMERE [1]	LIGHT TITANIUM/ DARK TITANIUM[1]
STANDARD COMMERCIAL (1FL)	Front: 40/20/40 reclining split-bench	AZ3	Premium cloth	19C	33C	—
AVAILABLE COMMERCIAL (1FL)	Front: 40/20/40 reclining split-bench	AZ3	Vinyl	19V	—	—
OPTIONAL COMMERCIAL (1FL)	Front: high-back reclining bucket	A95	Premium cloth	19C	33C	—

EXTERIOR SOLID PAINT	COLOR CODE	TOUCH UP PAINT NUMBER	INTERIOR		
			EBONY	LIGHT TITANIUM/ DARK TITANIUM[4]	DARK CASHMERE/ LIGHT CASHMERE[4]
Black	41U	WA-8555	A	A	A
Mocha Steel Metallic	GHA	WA-7065	A	A	A
Summit White	50U	WA-8624	A	A	A
Silver Ice Metallic[1]	GAN	WA-636R	A	A	A
Crystal Red Tintcoat[1]	89U	WA-505Q	A	A	A
Concord Metallic[1]	GWU	WA-103V	A	A	A
Champagne Silver Metallic	GWT	WA-102V	A	A	A

1 - Extra Cost

AVAILABLE EXTERIOR COLORS

GAN	41U	GHA	50U	89U	GWU	GWT
Silver Ice Metallic	Black	Mocha Steel Metallic	Summit White	*Crystal Red Tintcoat	*Concord Metallic (New)	Champagne Silver Metallic

***NOTE:** * Additional Charge*

Actual colors may vary

SEO PAINT AVAILABLE

WA#	COLOR DESCRIPTION	CODE
9260	Victory Red	Requires SEO 5T4

ACTUAL COLOR MAY VARY

***NOTE:** • All normally body-colored, non-sheet metal parts, will be Flat Black (except Victory Red non-sheet metal parts will match)*

• SEO paint orders that contain less than five vehicles will be delayed until five unit minimum is received for batch production

AVAILABLE OPTIONS

W2D	**ACCESSORY** - Cargo net
K47	**AIR CLEANER** - High capacity
JL1	**BRAKE CONTROLLER** - Integrated trailer
D07	**CONSOLE** - Floor storage area and cup holders (included and only available with A95 front custom cloth bucket seats)
UTQ	**CONTENT THEFT ALARM DISABLE** - Flashing lamps and horn warning
KNP	**COOLING** - Auxiliary transmission oil cooler. (Included and only available with K5L HD Trailerling Package[7] on 1/2 ton)
KC4	**COOLING** - External engine oil cooler (Included and only available with K5L HD Trailerling Package[7] on 1/2 ton)
G80	**DIFFERENTIAL** - Heavy-duty locking rear
K05	**ENGINE BLOCK HEATER**
B30	**FLOOR COVERING** - Color-keyed carpeting (includes B58 color keyed floor mats)
VAV	**FLOOR MATS, ALL WEATHER** - First and second row, requires B30 color-keyed carpeting. Not available with AZE front 40/20/40 split-bench on 2WD models. (LPO, dealer installed)
VKN	**FLOOR MATS, ALL WEATHER** - Third row, requires B30 color-keyed carpeting and AS3 third row 50/50 split-bench seats. Not available with AZE front 40/20/40 split-bench on 2WD models. (LPO, dealer installed)
T96	**FOG LAMPS** - Front, halogen
ANJ	**GLASS** - Non-deep tinted
K5L	**HEAVY-DUTY TRAILERING PACKAGE**[7] - Includes auxiliary transmission oil cooler and external engine oil cooler, (Includes 3.42 ratio rear axle)
V1K	**LUGGAGE RACK CENTER RAILS** - Roof mounted, Black
G63	**LUGGAGE RACK** - Delete
VLI	**MAT, REAR CARGO** - Requires B30 color-keyed carpeting. Not available with ATD third row seat delete. (LPO, dealer installed)
B58	**MATS** - Color-keyed carpeted first and second row, removable (included and only available with B30 floor covering)
DPN	**MIRRORS** - Outside heated power-adjustable vertical camper; manual-folding, extension and integrated turn signal indicators
UE0	**ONSTAR** - Delete
VBS	**REMOTE, 2-WAY ADVANCED** - (LPO, dealer installed)
AP3	**REMOTE VEHICLE STARTER SYSTEM** - Includes remote keyless entry
UD7	**REAR PARKING ASSIST** - Ultrasonic with led display and audible warning (requires JF4 power-adjustable pedals)
V76	**RECOVERY HOOKS** - Front, frame mounted, Black (Chrome only available on LTZ)
TRW	**ROOF MOUNTED LAMP** - Provisions (included with VYU Snow Plow Prep Package)
NZZ	**SKID PLATE PACKAGE** - Requires 4-wheel drive model, includes aluminum front underbody shield starting behind front bumper and running to first cross-member, protecting front underbody, oil pan, differential case and transfer case, frame-mounted shield, requires 4-wheel drive model
UVD	**STEERING WHEEL** - Heated (standard on LTZ trim)
NQH	**TRANSFER CASE** - Active 2-speed electronic autotrac with rotary controls includes neutral position for dinghy towing, requires 4WD models

SPECIAL EQUIPMENT OPTIONS AVAILABLE

5T4	**EXTERIOR BODY-COLORED PARTS** - Victory Red with special paint WA9260; Victory Red painted front and rear fascias, rear liftgate handle and rear license plate applique, body side moldings and door handles. Required with Victory Red special paint WA9260
9N5	**FLOOR CONSOLE DELETE** - Deletes floor console and associated audio equipment that is included with premium cloth high-back buckets seats; requires: PEG 1FL and RPO A95 bucket seats
8X1	**LABEL, FASTEN SAFETY BELTS** - On Left hand and right hand front door window glass
9G3	**OFF-ROAD SUSPENSION** - Off-road suspension 4x4 commercial or low uplevel décor; includes Z71, off-road suspension components, skid plate and high capacity air cleaner; does not include body side "Z71" decals; requires: model K10906 option QJP P265/75R17 on-off road tires PEG 1FL Suburban 1LS or 1LT Uplevel Package and a fleet or government type order
5T5	**SEATS, CLOTH FRONT VINYL REAR** - Vinyl 2nd row rear seats and cloth front seats; if AS3 third row seat is ordered, it will be vinyl. Requires: AZ3 front custom cloth 40/20/40 bench seat or A95 front custom cloth high-back bucket seat, trim code 19D Ebony and PEG 1FL
9S1	**SEATS, DRIVER AND PASSENGER FRONT INDIVIDUAL SEATS IN VINYL TRIM** - Derived from RPO AE7 40/20/40 split-bench with center 20% section removed; seats are manual, not power; does not include floor console; exposed floor areas will remain untrimmed; rear seats will also be vinyl trimmed; requires trim code 19V Ebony and PEG 1FL

7. Maximum trailer weight ratings are calculated assuming a base vehicle, except for any option(s) necessary to achieve the rating, plus driver. The weight of other optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow.

EMISSIONS - MUST BE SPECIFIED

FE9	FEDERAL EMISSIONS. Use for ordering vehicles that will be registered in all states except California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State
YF5	CALIFORNIA EMISSIONS. Use for ordering vehicles that will be registered in California.
NE1	CT/ME/MD/MA/NJ/NM/NY/OR/PA/RI/VT/WA EMISSIONS. Use for ordering vehicles that will be registered in Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont or Washington State
NB8	Required when option code FE9 "FEDERAL EMISSIONS" is ordered for delivery to a dealer located in California, Connecticut, Massachusetts, Maryland, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island and Washington State for a purchaser who will be registering the vehicle outside California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State.
NC7	Required when option code YF5 "CALIFORNIA EMISSIONS" or option code NE1 "CT/ME/MD/MA/NJ/NM/NY/OR/PA/RI/VT/WA EMISSIONS" is ordered for delivery to a dealer located in any state except California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington for a purchaser who will be registering the vehicle in one of these states or sold as permitted below under "EPA Policy on the Sale of California Emission Vehicles"
NB9	Required when option code YF5 is ordered for delivery to a dealer located in Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington. Required when option code NE1 is ordered for delivery to a dealer located in California.

	CC10906 2WD 1/2 Ton	CK10906 4x4 1/2 Ton
SPECIFICATIONS (in./mm)		
Wheelbase	130.0/3302	130.0/3302
Overall length	222.4/5649	222.4/5649
Body width	79.1/2009	79.1/2009
Overall height	76.8/1951	76.8/1951
Head room, front	41.1/1044	41.1/1044
Head room, center	38.5/978	38.5/978
Head room, rear	38.1/968	38.1/968
Shoulder room, front	65.2/1656	65.2/1656
Shoulder room, center	65.2/1656	65.2/1656
Shoulder room, rear	64.7/1643	64.7/1643
Hip room, front	60.3/1532	60.3/1532
Hip room, center	61.8/1570	61.8/1570
Hip room, rear	49.4/1255	49.4/1255
Leg room, front	41.3/1049	41.3/1049
Leg room, center	39.5/1003	39.5/1003
Leg room, rear	34.9/886	34.9/886
Ground to top of rear load floor	31.8/808	32.6/828
Load floor length, to front seat, at floor	101.8/2586	101.8/2586
Load floor length, to center seat, at floor	69.6/1768	69.6/1768
Load floor length, to rear seat, at floor	35.6/904	35.6/904
Inside width, between wheelhousing	49.1/1247	49.1/1247
Cargo area height	41.4/1052	41.4/1052
Ground clearance, front	10.5/267	10.5/267
Ground clearance, rear	9.1/231	9.1/231
Front shock absorber diameter	1.81/46	1.81/46
Front stabilizer bar diameter	1.41/36	1.41/36
Rear shock absorber diameter	1.81/46	1.81/46
Rear stabilizer bar diameter	1.10/28	1.10/28
Turning diameter, curb-to-curb, ft. (m)	43.0/13.1	43.0/13.1
CAPACITIES LBS. (KG)		
Front axle	3500/1588	3600/1633
Rear axle	4200/1905	4200/1905
Curb weight	5672/2573	5824/2642
Cargo volume[3], cu. ft. (liters)	137.4/3891.2	137.4/3891.2
Payload[6]	1528/693	1576/715
Gross Vehicle Weight Rating[5] (GVWR)	7200/3266	7400/3357
Front Gross Axle Weight Rating (FGAWR)	3500/1588	3600/1633
Rear Gross Axle Weight Rating (RGAWR)	4200/1905	4200/1905
Fuel capacity, approximate, gallon (liters)	31/117	31/117
Seating capacity (front/center/rear)	3/3/03	3/3/03

NOTE: Published dimensions indicated are without optional equipment or accessories. Additional accessories or equipment ordered at the customer's request can result in a minor change in these dimensions.

3. Cargo and load capacity limited by weight and distribution.
5. Gross Vehicle Weight Rating (GVWR). When properly equipped, includes vehicle, passengers, cargo and equipment.
6. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.

Can specialty vehicle equipment (e.g. radar devices, video cameras, computers, meters, radio trees, shotguns, etc.) still be mounted in cars with passenger side air bags?

Yes, but care must be taken to mount the equipment outside of the deployment zone. Air bags inflate with great force and will interact with any object in the deployment zone. Therefore, to reduce the risk of injury to vehicle occupants, GM recommends that the air deployment zone be kept free of any equipment. If a piece of equipment were to become dislodged it could strike an occupant in the vehicle and result in injury. The likelihood of an object becoming dislodged is influenced by many factors, including the proximity of the object to the inflatable restraint, the size and shape of the object, and the means by which the object is secured to the vehicle. In addition to these factors, the trajectory and velocity of a dislodged object can be influenced by the type and severity of vehicle crash.

Objects that are in the deployment zone, but do not become dislodged by an inflating air bag can still affect the performance of the air bag. For example, such objects could tear the fabric or affect the shape of the air bag, thus reducing the ability of the bag to provide restraint.

Is it possible to shield equipment that is installed in the passenger side frontal air bag deployment zone in a manner that will allow full and safe air bag deployment?

Due to the complexity of influencing variables, GM is unable to evaluate the potential for shielding expected equipment configurations in all accident scenarios in order to assure that the air bag performance would be unaffected. While shielding may protect certain equipment from being damaged or dislodged, it may also negatively affect the inflation characteristics of the air bag. The air bag's shape, inflation angle, fold pattern, and inflation rate and pressure are developed to maximize the protection capability of the inflatable restraint system. Therefore, GM cannot recommend the placement of any equipment in the deployment zone, even if it is shielded to protect it from damage.

Front air bag systems and instrument panel mounted equipment.

Passenger air bags in GM vehicles deploy in different ways depending upon the type of vehicle and the particular instrument panel design.

In some vehicles, the passenger air bag deploys through a discrete door located on the top surface of the instrument panel (top-mount air bag systems). In other vehicles, such as the Chevrolet Tahoe, the passenger air bag deploys through a discrete door mounted on the vertical rearward surface of the instrument panel, above the glove box door (mid-mount air bag system). With these types of top-mount and mid-mount passenger air bag systems, the top pad of the instrument panel remains in place during deployment.

Some GM passenger air bag systems, like the system in the Chevrolet Impala, deploy from beneath the instrument panel top pad. These are considered 3/4-mount air bag systems with a "deployable top pad." The entire instrument panel top pad is the "deployment door" from under which the inflating air bag emerges. When an air bag deployment is commanded, the forces from the inflating passenger air bag push up on the instrument panel top pad, releasing special fasteners across the rearward edge of the top pad. This allows the top pad to rotate upward so that the passenger air bag may emerge. The top pad rotates upward to open widest at the right hand side, and is usually forced upward into contact with the windshield on the right hand side of the vehicle during a deployment.

Instrument panel top mounted special equipment, such as a radar antenna and control unit or video camera must be positioned to the left of the vehicle center line. This equipment must be mounted as low as possible and securely fastened to the top pad to avoid being dislodged in the event of a crash and possible air bag deployment. In the process of securely fastening special equipment to the top, DO NOT fasten down the top pad itself to any other vehicle component such as the cluster trim plate. As described above, the top pad rotates upward during a deployment. In order to enable the proper deployment of the passenger air bag, specialty equipment installation MUST NOT PREVENT the top pad from rotating upward during deployment. Location and attachment of special equipment should minimize added resistance or interference to upward rotation of the top pad during deployment.

Side-Impact Air Bags for crashes to the vehicle sides.

The air bag system in your police vehicle includes includes roof rail mounted Head Curtain side air bags.. The vehicle is also equipped with seat back mounted upper body air bags located on the outboard side of the driver and front passenger seat backs. Together the Head Curtain and seat-mounted side air bags are intended to protect the head and upper body in the event of a side crash. Some vehicles may also be equipped with an optional air bag, mounted on the inboard side of the driver seat back.

Can Specialty Vehicle Security Barriers be mounted within the side air bag deployment zones?

No. The side air bags inflate extremely fast because of the nature of side crashes to the vehicle. Mounting a security barrier behind the front seats with the ends placed within the side air bag deployment zones will result in unintended interaction between the barrier and the inflating side air bags. To reduce the risk of injury to the vehicle occupants, GM recommends that the side air bag zones be kept free of any customer installed equipment.

Customer furnished equipment installed to the vehicle roof.

Your police vehicle is designed with an interior roof cover system which includes internal components for the interior lamps and wiring. The roof system may also include side air bag components. Inflation devices may be mounted on the vehicle roof side behind the rear doors as well as air bag tethers retained to the windshield pillars. Care must be taken to avoid damage to these components or interference with their operation when installing roof mounted equipment such as emergency lamps and communication antennas.

Recommended GM service procedures must be followed to remove and re-install the instrument panel top pad to ensure that the top pad will release properly in the event of a passenger air bag deployment.

On the right half of the top pad closest to the passenger air bag module, GM recommends that no equipment be mounted. When mounting equipment on the driver side of the top pad, GM recommends that the total mass of the top pad mounted special equipment not exceed 8 pounds (3.6 kilograms), since some top pads tend to rotate about the left end.

Fasteners used to secure special equipment to the instrument panel top pad, the windshield glass, or to the windshield upper frame (header), should be selected to ensure that these devices will remain attached during a vehicle crash and possible air bag deployment.

Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

Can the installation of push bumpers on the front end of the vehicle affect the deployment of the air bag?

General Motors is not aware of adverse effects during crash events from the many push bumpers thai have been installed on GM police vehicles. Because there are many styles of push bumpers available with varying crash characteristics, installation of push bumpers may or may not affect deployment timing of the air bags. Push bumpers should be mounted to avoid modifying the vehicle structure and interfering with the front air bag sensors mounted on the upper radiator support cross member

Two front impact sensors are installed in General Motors vehicles. Do not relocate or disconnect the front sensors. The location and orientation of the front sensors are critical for correct operation of the air bag system. Avoid mounting components on or near the sensors. Push bumper styles with vertical pushing members that are in foreaft alignment with the front air bag sensors are not recommended.

When should an air bag inflate?

The driver's and right-front passenger's frontal air bags are designed to inflate in moderate to severe frontal or near-frontal crashes. But they are designed to inflate only if the impact speed is above the system's designed "threshold level."

In addition, your vehicle has “dual stage” frontal air bags which tailor the the amount of restraint according to crash severity. For moderate frontal impacts, the air bags inflate at a level less than full deployment. For more severe frontal impacts, "dual stage" frontal air bags deploy at full levels.

If the front of your vehicle goes straight into a wall that doesn't move or deform, the threshold level of the reduced deployment is about 12 to 16mph (19 to 15 km/h), and the threshold level for a full deployment is about 18 to 24 mph (29 to 28.5 km/h). The threshold level can vary, however, with specific vehicle design, so that it can be somewhat above or below this range.

If your vehicle strikes something that will move or deform such as a parked car, the threshold level will be higher. The driver's and right-front passenger's frontal air bags are not designed to inflate in rollover, side impacts, or rear impacts, because inflation would not help the occupant.

Seat mounted side impact air bags are designed to inflate in moderate to severe side crashes. The side impact air bags will inflate if the crash severity is above the designed "threshold level." The threshold level can vary with specific vehicles design. The side impact air bags are not designed to inflate on frontal or near-frontal impacts or rear impacts, because inflation would not help the occupant.

Roof rail mounted head-curtain air bags are designed to inflate in moderate to severe side crashes. In addition, certain vehicles have head-curtain air bags which are also designed to inflate in situations where an impending rollover condition is identified by the vehicle's rollover sensing system and/or frontal or near-frontal impacts if the crash severity is above the designed "threshold level".

Safety belt pretensioners at the driver and front passenger seat positions are designed to deploy in frontal, near-frontal, side, and rear crashes that exceed the "threshold level" of crash severity to help reduce slack in the safety belt Safety belt pretensioners will also deploy in impending rollover situations.

How long will the air bag remain inflated?

It takes approximately 1/20th of a second to fully inflate the frontal air bags. This is faster than the blink of an eye. The air bags begin to deflate immediately, helping to stop the occupants more gradually.

I've heard that a deployed air bag produces whet appears to be smoke, is the air bag hot?

After the bag has deployed in a crash, the air bag itself will not be hot to touch. Some components within the air bag module will be hot for a short time. A small amount of smoke coming from a deployed air bag module is normal and should not be cause for concern.

Also, when the nitrogen gas is vented out of the air bag, small particles from inside the bag are also vented into passenger compartment. These airborne particles look like smoke and some particles are deposited as residue on and around the air bag.

I've heard that the dusts that are released into the passenger compartment from the air bag are harmful, is this true?

For most people, the only effect the dusts will produce is some irritation of the throat and eyes, and that is only if the occupant remains in the vehicle for many minutes after the air bag deployment with no ventilation and windows closed. However, some people with asthma may develop an asthmatic attack from inhaling the dusts. If this happens, they should first treat themselves the same way their doctor has advised them to treat any other asthma attack, and then immediately seek medical treatment.

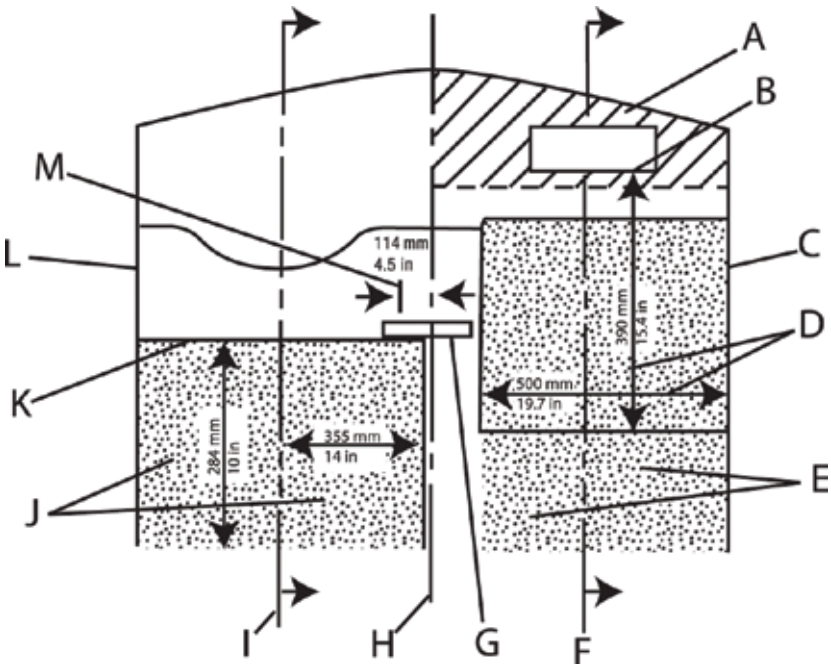
Can the air bag system be re-used?

No, The air bags are designed to inflate only once. After inflation some new parts will be required. These will include the air bag module and possibly other parts. (A competent service technician with access to the vehicle's service manual and the required tools should replace the required components after a deployment crash.)

If my vehicle has air bags, why should I have to wear my safety belt?

Air bags are in many vehicles today and will be in most of them in the future. But they are supplemental systems only; so they work with safety belts not instead of them. Every air bag system ever offered for sale has required the use of safety belts. Even if you're in a vehicle that has air bags, you still have to buckle up to get the most protection. That's true not only in frontal collisions but especially in side and other collisions.

Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child’s age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner’s Manual and child safety seat instructions for more information.

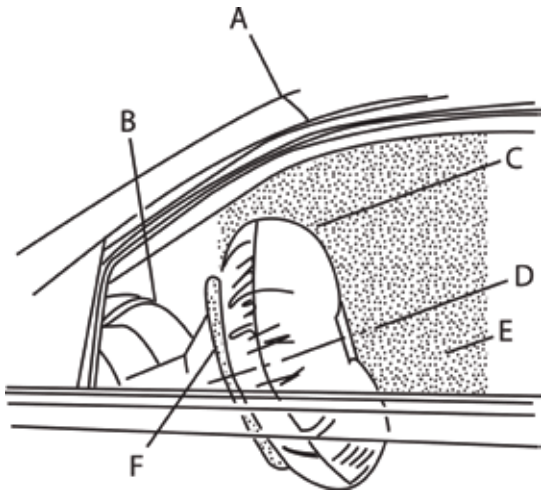


TOP VIEW OF INSTRUMENT PANEL AND APPROXIMATE DEPLOYMENT AREA OF THE AIR BAG ZONE

A. Passenger side instrument panel top surface zone
B. Passenger side air bag module trim panel – rear edge
C. Passenger side door
D. Approximate dimensions of inflated air bag
E. Passenger side air bag deployment zone
F. Passenger centerline
G. Inside rearview mirror
H. Vehicle centerline
I. Driver centerline
J. Driver side air bag deployment zone
K. Front of steering wheel
L. Driver side door
M. Shift selector arc

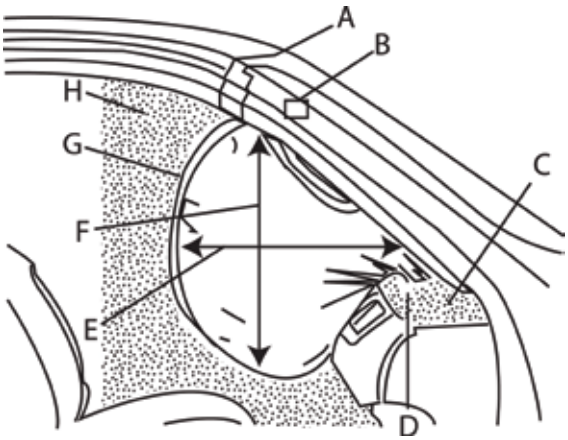
Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

NOTE: All dimensions are approximate and subject to change.



SIDE VIEW OF DRIVER SIDE
AIR BAG DEPLOYMENT ZONE

A. Top edge of windshield
B. Top of instrument panel
C. Inflated air bag – steering wheel
D. Centerline of steering column at mid-tilt
E. Driver air bag deployment zone
F. Front of steering wheel



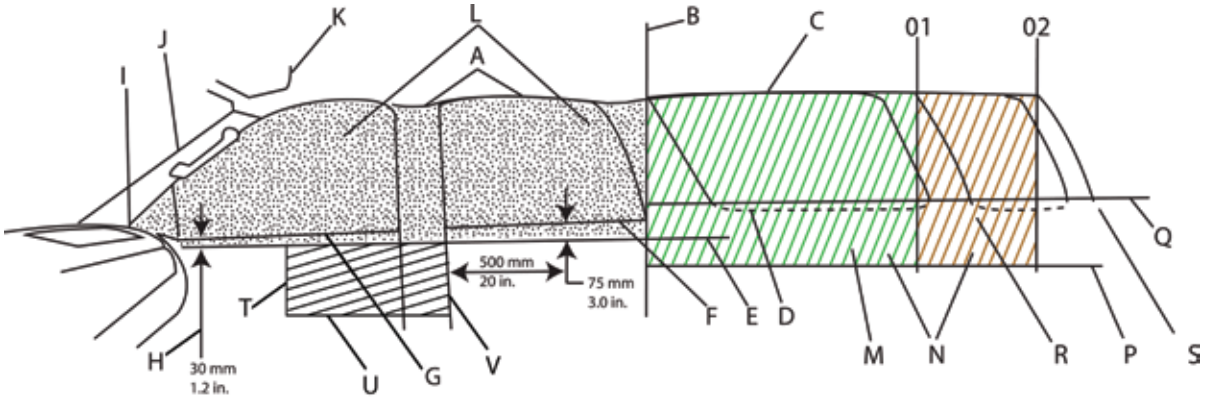
SIDE VIEW OF PASSENGER SIDE AIR BAG
DEPLOYMENT ZONE

A. Top edge of windshield
B. Inside rearview mirror
C. Instrument panel top surface zone
D. Passenger side air bag module trim panel – rear edge
E. Inflated air bag – horizontal dimension approximate 15.4 in (390 mm)
F. Inflated air bag – vertical dimension approximate 9.3 in (490 mm)
G. Inflated air bag – instrument panel
H. Passenger air bag deployment zone

Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

NOTE: All dimensions are approximate and subject to change.

HEAD CURTAIN AND FRONT SEAT-MOUNTED SIDE IMPACT AIR BAG DEPLOYMENT ZONES
PASSENGER SIDE SHOWN, DRIVER SIDE SIMILAR



Tahoe/Suburban/Silverado Crew Cab Seat Rows 1 and 2

A. Top of deployment zone – along head curtain at edge of headliner
B. Back of deployment zone – at rear top corner of rear door pad
C. Rear quarter window
D. Bottom outside edge of rear quarter window
E. Bottom of air bag deployment zone – parallel to outside bottom edge of rear quarter glass
F. Top edge of rear door pad
G. Top edge of front door pad
H. Dimension at mirror patch from top edge of front door pad
I. Front of deployment zone at front upper corner of front door pad
J. Windshield pillar trim with grab handle
K. Visor
L. Deployment zone - Tahoe seat rows 1 and 2

NOTE: The head curtain air bag inflators are mounted in a different orientation on the Silverado Crew Cab pickup truck roof structure from those in the Tahoe/Suburban.

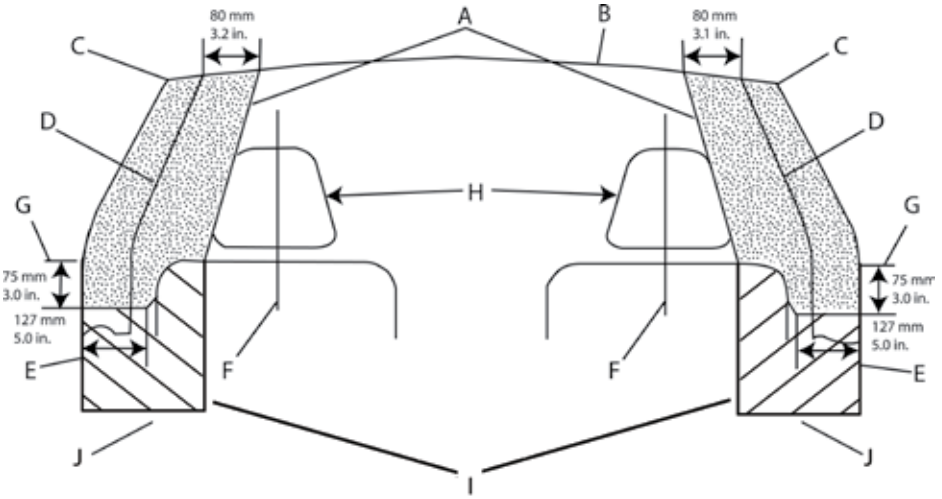
Tahoe/Suburban 3rd Row Seats

M. Deployment zone - Tahoe 3rd seat
N. Deployment zone - Suburban 3rd seat
O. Rear zones at back corner of headliner: 1 Tahoe, 2 Suburban
P. Bottom of 3rd seat zone at rear side trim cup holders
Q. Top edge of rear quarter trim at window
R. Rear of Tahoe
S. Rear of Suburban

Tahoe/Suburban/Silverado Crew Cab Seat Air bag

T. Center of door trim pull handle
U. Top of surface of outboard front seat cushion
V. Back edge of center pillar trim

HEAD CURTAIN AND FRONT SEAT-MOUNTED SIDE IMPACT AIR BAG DEPLOYMENT ZONES
VIEW FROM REAR CARGO AREA



A. Head curtain air bag deployment zone
B. Underside of headliner
C. Edge of headliner
D. Inner center pillar trim
E. Inner door pad
F. Seat centerline
G. Bottom of door windows
H. Front seat headrests
I. Seat-mounted side impact air bags deployment zone front seat
J. Top surface of outboard front seat cushion

Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

NOTE: All dimensions are approximate and subject to change.

GM offers Anti-Lock Brake Systems as standard or optional on all North American passenger vehicles and light truck lines. The computerized Anti-Lock Braking System (ABS) is designed to keep the vehicle's wheels rotating as the brakes are applied to assist the driver in achieving a controlled stop. Sensors monitor how fast the wheels rotate and feed the data continuously to the ABS computer. The vehicle's brakes slow each wheel as the brake pedal is applied. However, when ABS is activated due to road conditions, the system repeatedly releases and applies pressure to the brakes. The wheels can keep rolling, thus retaining steering ability and enhanced stability while providing a higher braking force on most surfaces than a locked wheel provides.

How exactly does ABS work?

In cars without ABS, hitting the brakes can cause the wheels to lock, leaving you unable to steer the vehicle until you decrease the pressure so the wheels can roll again. With an ABS, as you apply the brakes, the ABS computer monitors the wheel speed sensor information. If the computer senses that a wheel is approaching lock up, it sends a signal to the hydraulic modulator to reduce, then to reapply, brake pressure several times a second for as long as you maintain firm pressure on the brake pedal. The process is much like the threshold braking technique used with conventional brakes. However, ABS does it much faster and more accurately than any driver can, leaving you free to focus on steering away from obstacles.

Does ABS reduce stopping distances?

Yes, in braking situations where the wheels on a non-ABS equipped vehicle would lock up, ABS will generally provide shorter controlled stopping distance. The amount of improvement in stopping distance depends on many factors, including the road surface, severity of braking, initial vehicle speed, etc. On some surfaces, such as gravel roads, braking distances can be longer, but you will still have the control benefits of ABS. The important capability of ABS is control. ABS provides improved vehicle steerability and stability when braking.

What can affect the ABS advantage?

It is important that you follow the maintenance schedule recommended in the owner's manual of the vehicle, tires should be at their proper inflation level, the brake pads should be checked regularly, etc. While driving, you should sit comfortably, so that your hips are back in the seat and your knees are bent, even while braking. Your foot should be positioned so that your heel is on the floor and your toes are secure on the lower half of the pedal. And, though ABS may reduce stopping distance, remember: The faster you go, the longer it takes you to stop. Keeping a safe distance between you and the vehicle in front of you is always necessary, even with ABS.

What happens if ABS becomes inactive?

The ABS electronic control unit has on-board diagnostic capability. If a fault is detected, the vehicle will revert to the base brake system, and the ABS telltale on the dash will be illuminated. Should this happen, the vehicle should be taken to a dealership for repair as soon as possible.

How do I use ABS?

Depress and hold the pedal. DO NOT PUMP THE BRAKES (that prevents the system from working). Just hold the brake pedal down and let the ABS work for you. You may feel the brake pedal vibrate, or you may notice some noise, but this is normal as the system works for you.

Should I drive an ABS equipped vehicle differently than I would drive a vehicle with conventional brakes?

Most of the time, under normal driving circumstances, there is no difference, and you should always drive with the same caution and care. It is important to realize that ABS only makes a difference when it is activated—when you have to brake hard—and that would only be when the computer senses that a wheel is approaching lockup. When ABS activates, keep steady pressure on the brake pedal and then let the ABS work for you. Don't pump the brakes or try to find the threshold. Simply hold the brake pedal down and steer if necessary to avoid an obstacle.

Is ABS always active?

ABS is always available, but not always activated. ABS is activated only when the brake pedal is applied and the computer detects an impending wheel lock condition.

Can older cars be retrofitted with ABS?

No! The brake system is one of the most important features on any passenger vehicle.

Several products, which tap into the master cylinder and/or brake system performance, are being sold in the aftermarket. Some of these products imply performance similar to new vehicle anti-lock brake systems.

However, contrary to their claims, add-on systems, which deplete fluid from the master cylinder on brake apply may actually increase a vehicle's stopping distance. This may cause the vehicle to fail to comply with Federal brake standards.

Does ABS always activate at the same speed?

No, the system operates when the computer detects wheel lockup, at any speed above 8 mph.

Will ABS wear out a vehicle's brakes sooner?

A properly maintained brake system will be unaffected by ABS operation under typical driving conditions.

Are there different types of ABS?

Yes, there are rear wheel anti-lock systems (RWAL) used on some trucks and four-wheel ABS available on cars and trucks.

Do Federal Safety Standards mandate ABS?

No. Federal standards establish minimum braking performance requirements that all vehicles must meet, but do not specify how they should be met. It should be noted that even a vehicle with failed ABS meets the Federal safety standard for stopping distances.

Will a tire size change affect ABS?

Use of tires other than original equipment may affect ABS performance. Owners should consult and follow the recommendations contained in the vehicle owner's manual regarding replacement tire size. ***NOTE: ABS will work with original equipment spare tire or tire chains. However, performance is reduced.***

Do insurance companies give a discount for ABS?

Yes, many insurance companies give discounts that range from 5% to 10%. In the states of New York and Florida all insurance companies are required to give an ABS discount of 5% on certain coverages such as bodily injury, property damage, collision, and personal injury protection. In other states the discount varies from insurance company to insurance company. When buying auto insurance, always ask your insurance agent if his/her company gives a discount for vehicles equipped with anti-lock brakes.

NOTE: All dimensions are approximate and subject to change.

IMPORTANT DRIVING SAFETY TIPS

A. **Always maintain a safe following distance.** ABS does not allow you to stop on a dime. (Generally a 2-second following distance is considered safe in ideal conditions.) Watch the vehicle in front of you pass a fixed marker (such as a sign). Count seconds—one-thousand-one, one-thousand-two-until your front bumper reaches the marker. If you do not count out two seconds, then you are too close to the vehicle in front of you. Also, if the roads are wet or icy, or visibility is poor, you should increase your following distance.

B. **Always drive carefully—** especially on slippery surfaces. ABS cannot create friction between the tires and the road surface, it can only give the driver the maximum advantage of the existing adhesion. If the vehicle is traveling on a surface with no adhesion, the best ABS in the world cannot provide a shorter stopping distance or good steering.

C. **It is a good idea to practice an ABS activated stop** and get the feel of the brake pedal. However, please make sure it's at a safe time with no obstacles in your path. And you only really need to try it once or twice to know what happens.

ELECTRONIC STABILITY CONTROL SYSTEMS (STABILITRAK)

StabiliTrak systems help drivers maintain control of their vehicles, especially during emergency lane changes or avoidance maneuvers. StabiliTrak uses various sensors, such as steering wheel angle, wheel speed, yaw velocity, etc., to detect any difference between the path requested by the steering wheel position and vehicle's actual path. When appropriate, the system selectively controls brakes, engine power, and even suspension settings to enhance control of the vehicle's direction and help keep it on course. Independent studies conducted by the National Highway Traffic Safety Administration, the Insurance Institute for Highway Safety, and others have found StabiliTrak to be highly effective in reducing vehicle crashes. General Motors offers StabiliTrak systems on many of its passenger car and light truck models.
See your owner's manual for additional information about the operation of StabiliTrak.

Q. How do I use StabiliTrak?
A. StabiliTrak operates independently of the driver. You should continue to drive your StabiliTrak equipped vehicle with caution and care. GM's StabiliTrak system, StabiliTrak, is designed to be as seamless as possible in operation, to be part of the overall vehicle response and to make a good vehicle better

Q. How does StabiliTrak work?
A. StabiliTrak has the ability to apply control forces to the vehicle independent of the driver. StabiliTrak uses sensors to continuously compare the path indicated by the steering wheel position to the vehicle's actual path. If a discrepancy is detected, StabiliTrak selectively controls vehicle brakes and engine torque to create a yaw moment that helps restore the vehicle's actual path to the path indicated by the steering wheel position. StabiliTrak has the ability to help correct both understeer (where the vehicle is not turning as much as the steering wheel position indicates) and oversteer (where the vehicle is turning more than the steering wheel position indicates). The illustration at right shows how selective braking at a particular wheel can create a compensating yaw moment to help restore the vehicle's actual path to the path indicated by the steering wheel position.

Q. Will a tire change affect StabiliTrak?
A. Use of tires other than original equipment may affect StabiliTrak performance. StabiliTrak is designed to make the best use of available traction. The performance characteristics of the original equipment tires are part of the overall system effectiveness. When you replace tires check the recommendations in your owner's manual. On GM vehicles, the original equipment tires have a "TPC" (Tire Performance Criteria) code on the sidewall. Replacing the tires with the same "TPC" code will help assure proper StabiliTrak performance.

UPDATES FOR 2014

NEW FEATURES

- IMPROVED CHASSIS AND SUSPENSION
- EXTENSIVE USAGE OF HIGH-STRENGTH STEEL THROUGHOUT THE FRAME AND CAB STRUCTURES FOR CAPABILITY, QUIETNESS, AND SAFETY
- EXTERIOR REDESIGN WITH IMPROVED AERODYNAMICS FOR NOISE ISOLATION AND FUEL ECONOMY
- INTERIOR REDESIGN WITH IMPROVED COMFORT, FUNCTIONALITY, AND DURABILITY
- ECOTEC3 POWERTRAINS FEATURING A STANDARD ALUMINUM ENGINE BLOCK, DIRECT INJECTION, ACTIVE FUEL MANAGEMENT, CONTINUOUSLY VARIABLE VALVE TIMING, AND SIX-SPEED AUTOMATIC TRANSMISSION
- STANDARD 4.3L V-6 WITH 285 HP AND 305 LB-FT OF TORQUE (FUEL ECONOMY TBD)
- AVAILABLE 5.3L V-8 WITH 355 HP AND 383 LB-FT OF TORQUE, CAPABLE OF UP TO 23 MPG HWY WITH A STANDARD 9.5-INCH REAR AXLE
- 2-YEARS/24,000 MILES STANDARD SCHEDULED MAINTENANCE INCLUDING OIL CHANGE, OIL FILTER REPLACEMENT, TIRE ROTATION, AND MULTI-POINT VEHICLE INSPECTION (WHICHEVER COMES FIRST, SEE DEALER FOR DETAILS)
- STANDARD CORNERSTEP REAR BUMPER WITH BOX RAIL GRIP POCKETS FOR EASIER ACCESS TO CARGO BOX, ALSO INCLUDES STANDARD BOX RAIL PROTECTORS
- AVAILABLE UNDER-RAIL LED CARGO BOX LIGHTING AND ADJUSTABLE ALL-METAL UPPER TIE-DOWNS, EACH WITH 250 LBS. LOAD CAPACITY
- AVAILABLE 6'6" BED ON CREW CAB MODELS
- AVAILABLE TRAILERING PACKAGE NOW INCLUDES BOTH A 4-PIN AND 7-PIN TRAILERING HARNESS
- CREW CAB REDESIGNED WITH INCREASED REAR LEGROOM, FOOT SWING SPACE, AND UNDER-SEAT VOLUME
- SHEAR-STYLE AND HYDRAULIC BODY MOUNTS THAT ISOLATE UP-AND-DOWN AND SIDE-TO-SIDE MOVEMENTS TO REDUCE NOISE, VIBRATION, AND HARSHNESS, FOR A QUIET, CONTROLLED RIDE
- STANDARD FOUR-WHEEL DISC BRAKES WITH DURALIFE ROTORS
- STANDARD ELECTRIC POWER STEERING FOR EFFICIENT CORNERING AND STABILITY
- IMPROVED CONNECTIVITY WITH STANDARD USB PORTS (2), AUXILIARY JACK AND SD CARD SLOT, AND AVAILABLE THREE-PRONG 110-VOLT OUTLET
- NEW AVAILABLE COLORS INCLUDE BROWNSTONE METALLIC AND TUNGSTEN METALLIC

NOTE: THIS VEHICLE IS NOT DESIGNED NOR INTENDED FOR USE IN HIGH SPEED EMERGENCY VEHICLE OPERATIONS

MODEL AVAILABILITY

CC15543	2-wheel drive 1/2 ton fleetside short box crew cab pickup
CK15543	4-wheel drive 1/2 ton fleetside short box crew cab pickup
CC15743	2-wheel drive 1/2 ton fleetside standard box crew cab pickup
CK15743	4-wheel drive 1/2 ton fleetside standard box crew cab pickup

STANDARD EQUIPMENT SUMMARY

WARRANTY	3 years / 36,000 miles bumper-to-bumper (whichever comes first, see dealer for details) and '5 years / 100,000 miles limited powertrain (whichever comes first, see dealer for details)' both above maintenance warrant
MAINTENANCE	2 years / 24,000-miles scheduled vehicle maintenance including oil change, oil filter replacement, tire rotation, and multi-point vehicle inspection (whichever comes first, see dealer for details)

INTERIOR FEATURES

AIR BAGS[1]	Dual-stage frontal and side-impact, driver and front passenger and head-curtain and seat-mounted side-impact, front and rear outboard seating positions with Passenger Sensing System
AIR CONDITIONING	Single-zone
ASSIST HANDLE	Front passenger on A-pillar
AUDIO SYSTEM	4.2" Color Display, AM/FM stereo with USB ports (2), auxiliary jack and SD card slot
COAT HOOKS	Rear driver and passenger side
CONSOLE	Floor (not available)
CRUISE CONTROL	Electronic with set and resume speed, steering wheel-mounted
CUP HOLDERS	Front, and rear
DOOR LOCKS	Power
DRIVER INFORMATION CENTER	Odometer, trip odometer and message center (monitors numerous systems depending on vehicle equipment level including low fuel, turn signal on, transmission temperature and oil change notification) (Driver Information Center controls are operated through the trip button unless UK3 steering wheel mounted audio controls is ordered)
FLOOR COVERING	Graphite-colored rubberized-vinyl, no floor mats included'
INSTRUMENTATION	6-gauge cluster featuring speedometer, fuel level, engine temperature, tachometer, voltage and oil pressure
LIGHTING	Interior with dome and reading lights, illuminates entry feature and backlit instrument panel switches
MIRROR	Inside rearview manual day/night
POWER OUTLETS	2 auxiliary instrument panel-mounted with covers, 12-volt
REMOTE KEYLESS ENTRY	2 transmitters, panic button and content theft alarm (Remote keyless entry is part of PCR Package. Package includes power mirrors.)
RESTRAINT SYSTEM	Safety belts, driver and front passenger with pretensioners, dual stage driver and passenger frontal air bags[1], passenger sensing system and frontal air bag[1] ON/OFF indicator, rollover sensor, dual head curtain air bags[1] for first and second row outboard occupants and front seat back mounted thorax-pelvic air bags[1]
SEAT, FRONT	40/20/40 vinyl split-bench, 3-passenger, driver and front passenger manual reclining with outboard head restraints and center fold-down armrest with storage
SEAT, REAR	60/40 vinyl bench (folds up), 3-passenger (includes child seat top tether anchor)
STEERING WHEEL	Includes theft deterrent locking feature
STEERING COLUMN	Tilt-wheel, adjustable with brake/transmission shift interlock
VISORS	Driver and front passenger, sliding with clip and illuminated passenger vanity mirror

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

WARNING TONES	Headlamp on, key-in-ignition, driver and passenger buckle up reminder and turn signal on

EXTERIOR FEATURES

AIR DAM	Black
BUMPERS FRONT	Black
BUMPERS REAR	Black
CORNER STEP	Rear bumper
DAYTIME RUNNING LAMPS	Automatic exterior lamp control
DOOR HANDLES	Black
GLASS	Solar-Ray light-tinted, all windows
GRILLE	Black surround
HEADLAMPS	Halogen reflector
LAMPS	Cargo area, cab mounted with separate switch on center switch bank
MIRRORS	Outside manual, Black
RECOVERY HOOKS	Front black (Standard on 4WD available on 2WD)
WINDSHIELD WIPERS	Front intermittent wet-arm with pulse washers

CHASSIS FEATURES

ALTERNATOR	150-amps
BATTERY	Heavy-duty 600 CCA, maintenance-free with rundown protection and retained accessory power
BRAKES	4-wheel disc with DURALIFE rotors, 4-wheel antilock
COOLING	External engine oil cooler, heavy-duty
ENGINE	4.3L V6 EcoTec3 with Active Fuel Management, Direct Injection and Variable Valve timing, includes aluminum block construction with FlexFuel capability, capble of running on unleaded or up to 85% ethanol
EXHAUST	Aluminized stainless-steel muffler and tailpipe
FRAME	Fully-boxed, hydroformed front section
FUEL TANK	26 gallon (98 liter)
REAR AXLE	3.23 ratio with 2WD, 3.42 with 4WD (see engine/axle/transmission chart page 5)
STABILITRAK	Stability control system with Proactive Roll Avoidance and traction control includes electronic trailer sway control and hill start assist
STEERING	Electric Power Steering (EPS) assist, rack-and-pinion
SUSPENSION, FRONT	Independent, coil over shock, includes 35mm twin tube shock absorbers and 36mm front stabilizer bar
SUSPENSION, REAR	2-Stage multi-leaf springs, semi-elliptic
TAILGATE	Locking, utilizes same key as ignition and door
TIRE PRESSURE MONITOR	Tire Pressure Monitor System (does not apply to spare tire)
TIRE, SPARE CARRIER	Outside, winch-type mounted under frame at rear
TIRES	P255/70R17 all-season, blackwall
TIRE CARRIER LOCK	Keyed cylinder lock that utilizes same key as ignition and door
TRANSFER CASE	Floor-mounted shifter (requires 4-wheel drive model)
TRANSMISSION	6-speed automatic electronically controlled with overdrive and tow/haul mode. Includes Cruise Grade Braking and Powertrain Grade Braking
WHEELS	17" x 7.5" (43.2 cm x 19.1 cm) steel 6 lug painted, includes painted center caps (spare wheel will not cosmetically match the other 4)

SEATS AND INTERIOR TRIM

	SEAT TYPE	SEAT OPTION	SEAT TRIM	INTERIOR JETBLACK/ DARK ASH
STANDARD	Front: 40/20/40 split-bench with fold-down armrest and fixed driver lumbar	AE7	Vinyl	H2Q
OPTIONAL	Front: 40/20/40 split-bench with fold-down armrest and driver manual adjustable lumbar	AE7	Cloth	HR2
OPTIONAL	Front 40/20/40 reclining split-bench with fold-down armrest and lockable storage compartment and manually adjustable driver lumbar	AZ3	Cloth	H2S

AVAILABLE EXTERIOR COLORS

Blue Granite Metallic | Silver Ice Metallic | Summit White | Black | Deep Ruby Metallic | Victory Red | Blue Topaz Metallic | Brownstone Metallic (New) | Tungsten Metallic (New)

Actual colors may vary

SEO PAINT AVAILABLE

WA#	COLOR DESCRIPTION	CODE
9015	Woodland Green	9V5
9403	Doeskin Tan	9V9
253A	Wheatland Yellow	9W3
9417	Tangier Orange	9W4
7159	Blue Metallic	TBD
334D	Dark Toreador red	TBD
136X	Unripened Green Metallic	TBD
9792	Indigo Blue	TBD
228A	Light Autumnwood Metallic	TBD
382E	Pewter none	TBD

ACTUAL COLOR MAY VARY

POWERTRAIN

S = Standard A= Available		TRANS	AXLE			GVWR lbs (kg)			
ENGINE		MYC 6-speed auto. Heavy Duty	GU4 3.08	GU5 3.23	GU6 3.42	C5H 6900 (3130)	C5W 7000 (3175)	C5Y 7100 (3221)	C5Z 7200 (3266)
CC15543	(std) LV3 4.3L V6 EcoTec3 AFM DI VVT Flex Fuel aluminum block	S	–	S	–	S	–	–	–
	(opt) L83 5.3L V8 EcoTec3 AFM DI VVT Flex Fuel aluminum block	S	S	–	A	–	A	–	A[1]
CC15743	(std) LV3 4.3L V6 EcoTec3 AFM DI VVT Flex Fuel aluminum block	S	–	S	–	S	–	–	–
	(opt) L83 5.3L V8 EcoTec3 AFM DI VVT Flex Fuel aluminum block	S	S	–	A	–	A	–	A[1]
CK15543	(std) LV3 4.3L V6 EcoTec3 AFM DI VVT Flex Fuel aluminum block	S	–	–	S	–	–	S	–
	(opt) L83 5.3L V8 EcoTec3 AFM DI VVT Flex Fuel aluminum block	S	S	–	A	–	–	–	A[2]
CK15743	(std) LV3 4.3L V6 EcoTec3 AFM DI VVT Flex Fuel aluminum block	S	–	–	S	–	–	S	–
	(opt) L83 5.3L V8 EcoTec3 AFM DI VVT Flex Fuel aluminum block	S	S	–	A	–	–	–	A[2]

1 - Requires (NHT) Max Tailering Package.
2 - Required with (NHT) Max Trailering Package.

EMISSIONS - MUST BE SPECIFIED

FE9	FEDERAL EMISSIONS. Use for ordering vehicles that will be registered in all states except California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State
YF5	CALIFORNIA EMISSIONS. Use for ordering vehicles that will be registered in California.
NE1	CT/ME/MD/MA/NJ/NM/NY/OR/PA/RI/VT/WA EMISSIONS. Use for ordering vehicles that will be registered in Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont or Washington State
NB8	Required when option code FE9 "FEDERAL EMISSIONS" is ordered for delivery to a dealer located in California, Connecticut, Massachusetts, Maryland, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island and Washington State for a purchaser who will be registering the vehicle outside California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State.
NC7	Required when option code YF5 "CALIFORNIA EMISSIONS" or option code NE1 "CT/ME/MD/MA/NJ/NM/NY/OR/PA/RI/VT/WA EMISSIONS" is ordered for delivery to a dealer located in any state except California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington for a purchaser who will be registering the vehicle in one of these states or sold as permitted below under "EPA Policy on the Sale of California Emission Vehicles"
NB9	Required when option code YF5 is ordered for delivery to a dealer located in Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington. Required when option code NE1 is ordered for delivery to a dealer located in California.

AUTOMATIC TRANSMISSION - WITH BALL HITCH

MODEL	(LV3) 4.3L V6 ECOTEC3 AFM DI VVT FLEXFUEL ALUMINUM BLOCK		L83 5.3L V8 ECOTEC3 AFM DI VVT FLEXFUEL ALUMINUM BLOCK			
	AXLE RATIO	MAX TRAILERING	AXLE RATIO	MAX TRAILERING	AXLE RATIO	MAX TRAILERING
CC15543	3.23	5900/2676	3.08	6800/3084	3.42	9800/4445
CC15743	3.23	5800/2631	3.08	6700/3039	3.42	9700/4400
CK15543	3.42	6700/3039	3.08	6600/2994	3.42	9600/4355
CK15743	3.42	6600/2994	3.08	6500/2948	3.42	9500/4309

Silverado 1500 models are limited to 5000 lb. trailer rating unless equipped with (Z85) Handling/Trailering Suspension Package, (Z60) High-Performance Suspension Package or (Z71) Off-Road Suspension Package.
Addition of trailer tongue weight cannot cause vehicle weights to exceed Rear Gross Axle Weight Rating (RGVWR) of Gross Vehicle Weight Rating (GVWR).

BVQ	**ASSIST STEPS** – Chromed tubular, 6" oval factory installed, Not available with any LPO assist steps (RVQ), (RVS), (VXH) or (VXJ).
VBN	**BED RUG** – Bed cover, foam backed gray colored carpet like material that covers the entire bed, not available with VBR Rubber bed mat
V46	**BUMPER** – Front chrome
VJH	**BUMPER** – Rear chrome
CTD	**CARGO TIE DOWNS (4)** – Movable upper
IO4	**CHEVROLET MYLINK AUDIO SYSTEM** – 4.2" diagonal color screen with AM/FM stereo, USB ports (2), auxiliary jack, SD card slot, Bluetooth streaming audio for music and most phones, hands-free smartphone integration, Pandora Internet radio and voice-activated technology for radio and phone, See "gmtotalconnect.com" for phone compatibility info.
PCX	**CHROME BUMPER PACKAGE** – Includes (VJH) rear chrome bumper with (BWN) CornerSteps and (V46) chrome front bumper
KNP	**COOLING** – Auxiliary external transmission oil cooler, Included and only available with (L83) 5.3L V8 EcoTec3 engine.
C49	**DEFOGGER** – Rear-window electric
G80	**DIFFERENTIAL** – Heavy-duty locking rear.
NB8	**EMISSIONS OVERRIDE** – California (allows a dealer in states that require California emissions - California, Connecticut, Delaware, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island or Washington - to order Federal emissions for a vehicle that will be registered in a state that has Federal emission requirements). Do not use for vehicles that will be registered in California, Connecticut, Delaware, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island or Washington., Requires (FE9) Federal emissions requirements. Not available in Maine or Vermont.
NC7	**EMISSIONS OVERRIDE** – Federal (for vehicles ordered by dealers in Federal emission states with (YF5) or (NE1) emissions - Not required for vehicles being shipped to California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont or Washington), Requires (YF5) California state emissions requirements or (NE1) Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont or Washington state emissions requirements.
NB9	**EMISSIONS OVERRIDE** – State-specific (for dealers ordering vehicles in (YF5) or (NE1) emission states - California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington), Allows a California dealer (YF5 emissions) to order (NE1) emissions with (NB9) emissions override code for registration in (NE1) states; or, a Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington dealer (NE1 emissions) to order (YF5) emissions with (NB9) emissions override code for registration in California.
YF5	**EMISSIONS** – California state requirements
NE1	**EMISSIONS** – Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington state requirements
FE9	**EMISSIONS** – Federal requirements
K05	**ENGINE BLOCK HEATER**
L83	**ENGINE** – 5.3L V8 EcoTec3 with Active Fuel Management, Direct Injection and Continuously Variable Valve Timing, includes aluminum block construction with Flex Fuel capability, capable of running on unleaded or up to 85% ethanol
B30	**FLOOR COVERING** – Color-keyed carpeting with rubberized vinyl floor mats (includes second row floor mats)
AK0	**GLASS** – deep-tinted
C5H	**GVWR, 6900 LBS. (3130 KG**) – Requires 2WD models and (LV3) 4.3L V6 EcoTec3 engine.
C5W	**GVWR, 7000 LBS. (3175 KG)** – Requires 2WD models and (L83) 5.3L V8 EcoTec3 engine. Not available with (NHT) Max Trailering Package.
C5Y	**GVWR, 7100 LBS. (3221 KG)** – Requires 4WD models and (LV3) 4.3L V6 EcoTec3 engine.
C5Z	**GVWR, 7200 LBS. (3266 KG)** – Requires 4WD models and (L83) 5.3L V8 EcoTec3 engine. Not available with (NHT) Max Trailering Package.
UF2	**LED LIGHTING** – Cargo box
VK3	**LICENSE PLATE KIT** – Front (will be shipped to orders with ship-to states that require front license plate)
VXJ	**LPO, ASSIST STEPS** – Chromed tubular, 4" round Dealer installed, Not available with (RVS) 4" round Black tubular assist step, LPO, (RVQ) 6" oval Black tubular assist step, LPO, (VXH) 6" oval chrome tubular assist step, LPO or (BVQ) 6" chrome tubular assist step.
VXH	**LPO, ASSIST STEPS** – Chromed tubular, 6" oval Dealer installed, Not available with (RVS) 4" round Black tubular assist step, LPO, (RVQ) 6" oval Black tubular assist step, LPO, (VXJ) 4" round chrome tubular assist step, LPO or (BVQ) 6" chrome tubular assist step.
VZX	**LPO, BED LINER** – Dealer installed, Not available with (VUK) tailgate liner, LPO.
RXQ	**LPO, BED NET** – Dealer installed
RVS	**LPO, BLACK TUBULAR ASSIST STEPS** – 4" round, Dealer installed, Not available with (RVQ) 6" oval Black tubular assist step, LPO, (VXJ) 4" round chrome tubular assist step, LPO, (VXH) 6" oval chrome tubular assist step, LPO or (BVQ) 6" chrome tubular assist step.

8. Visit OnStar.com for coverage map, system limitations and details.
10. Go to gm.com/bluetooth to find out which Bluetooth phones are compatible with the vehicle.

RVQ	**LPO, BLACK TUBULAR ASSIST STEPS** – 6" oval, Dealer installed, Not available with (RVS) 4" round Black tubular assist step, LPO, (VXJ) 4" round chrome tubular assist step, LPO, (VXH) 6" oval chrome tubular assist step, LPO or (BVQ) 6" chrome tubular assist step.
RWS	**LPO, CARPETED FLOOR MATS** – Front and rear (dealer-installed)
VQL	**LPO, CHROME FUEL DOOR** – Dealer installed
SDA	**LPO, CHROME RECOVERY HOOKS** – Dealer installed, Requires (V76) Black recovery hooks.
SB1	**LPO, FLAT SPLASH GUARDS** – Black, Dealer installed, Not available with (VQK) Black molded splash guards, LPO.
VQK	**LPO, FRONT AND REAR MOLDED SPLASH GUARDS** – Black, Dealer installed, Not available with (SB1) flat Black splash guards, LPO.
RW6	**LPO, METAL BED STORAGE BOX** – Dealer installed, Not available with (5JY) soft folding tonneau cover, LPO or (VPB) vinyl tonneau cover with integrated support bows, LPO.
VQZ	**LPO, POLISHED EXHAUST TIP** – Dealer installed
VBJ	**LPO, REAR UNDERSEAT STORAGE** – Composite storage bin, Dealer installed
VBR	**LPO, RUBBER BED MAT** – Dealer installed, Not available with (VZX) bed liner, LPO.
5JY	**LPO, SOFT FOLDING TONNEAU COVER** – Dealer installed, Requires (UF2) LED Lighting, cargo box. Not available with (VPB) vinyl tonneau cover with integrated support bows, LPO or (RW6) metal bed storage box, LPO.
VUK	**LPO, TAILGATE LINER** – Dealer installed, Not available with (VZX) bed liner, LPO.
VQT	**LPO, TONNEAU COVER, HARD TRI-FOLDING WITH VINYL COVER** – Dealer installed, Not available with (VPB) soft tonneau cover, LPO, (5JY) soft-folding tonneau cover, LPO or (RW6) metal bed storage box, LPO.
VPB	**LPO, VINYL TONNEAU COVER WITH INTEGRATED SUPPORT BOWS** – Dealer installed, Requires (UF2) LED Lighting, cargo box. Not available with (5JY) soft folding tonneau cover, LPO or (RW6) metal bed storage box, LPO.
SFE	**LPO, WHEEL LOCKS** – Set of 4 (dealer-installed)
DL8	**MIRRORS** – Outside heated power-adjustable, black (includes driver's side spotter mirror), Included and only available with (PCR) WT Convenience Package.
DF2	**MIRRORS** – Outside high-visibility vertical camper-style, Black with manual folding and extension and lower convex spotter glass.
UE1	**ONSTAR** – 6 months of Directions and Connections plan, Visit onstar.com for details and system limitations.
VAV	**LPO, ALL-WEATHER FLOOR MATS** – Front and rear (dealer-installed)
KI4	**POWER OUTLET** – 110-volt AC, Included and only available with (PCR) WT Convenience Package.
GU4	**REAR AXLE, 3.08 RATIO** – Requires (L83) 5.3L V8 EcoTec3 engine.
GU6	**REAR AXLE, 3.42 RATIO** – Standard on 4WD (LV3) 4.3lL V6 EcoTec3 engine and (L86). Available with (L83) 5.3L V8 EcoTec3 engine.
AQQ	**REMOTE KEYLESS ENTRY** – With 2 transmitters, Included and only available with (PCR) WT Convenience Package.
AZ3	**SEATS** – front 40/20/40 split-bench, 3-passenger, cloth. Includes driver and front passenger recline with outboard head restraints and center fold-down armrest with storage. Also includes manually adjustable driver lumbar, lockable storage compartment in seat cushion, and storage pockets.
U2M	**SIRIUSXM SATELLITE RADIO AND HD RADIO** – Requires (IO4) 4.2" color radio with Chevrolet MyLink and (UE1) OnStar. If you subscribe after your trial period, subscriptions are continuous until you call SiriusXM to cancel. See SiriusXM Customer Agreement for complete terms at www.siriusxm.com. Other fees and taxes will apply. All fees and programming subject to change. 2 - If you subscribe after your trial period, subscriptions are continuous until you call SiriusXM to cancel. See SiriusXM Customer Agreement for complete terms at www.siriusxm.com. Other fees and taxes will apply. All fees and programming subject to change.
RHM	**TIRE** – Spare LT265/70R17 all-terrain, blackwall, Included and only available with (RC5) LT265/70R17C blackwall tires.
ZBZ	**TIRE** – Spare P255/70R17 all-season, blackwall, Included and only available with (RBZ) P255/70R17 all-season, blackwall tires.
RC4	**TIRE** – Spare P265/70R17 all-season, blackwall, Included and only available with (RC3) P265/70R17 all-terrain blackwall tires.
RC5	**TIRES** – LT265/70R17C, blackwall
RC3	**TIRES** – P265/70R17 all-terrain, blackwall
JL1	**TRAILER BRAKE CONTROLLER** – Integrated.
PCR	**WT CONVENIENCE PACKAGE** – Includes (AQQ) Remote Keyless Entry and (DL8) outside heated, power mirrors.

GCWR - ENGINE/REAR AXLE RATIO COMBINATION WITH AUTO TRANSMISSION

	(GCWR) GROSS COMBINATION WEIGHT RATINGS lbs. (kg)				
ENGINE	**11,000/4,990**	**12,000/5,443**	**14,000/6,350**	**15,000/6,804**	**16,700/7,575**
(LV3) Vortec 4.3L V6 EcoTec3 AFM	3.23	3.42			
(L83) Vortec 5.3L V8 SFI FlexFuel		3.08	3.42*	3.42	3.73**

** - Requires RPO (NHT) Max Trailering Package.*
*** - With Regular cab standard box model.*

CREW CAB SPECIFICATIONS

	CC15543 2WD Short Box Crew Cab	CK15543 4WD Short Box Crew Cab	CC15743 2WD STD Box Crew Cab	CK15743 4WD STD Box Crew Cab
SPECIFICATIONS				
Front shock absorber diameter, in./mm	1.81/46	1.81/46	1.81/46	1.81/46
Front stabilizer bar diameter, in./mm	1.35/34	1.35/34	1.35/34	1.35/34
Rear shock absorber diameter, in./mm	1.38/35	1.38/35	1.38/35	1.38/35
Turning diameter, curb-to-curb, ft./m	47.2/14.4	47.2/14.4	48.6/14.8	48.6/14.8
CAPACITIES				
Front axle[1], lbs./kg	3,650/1,656	3,950/1,792	3,650/1,656	3,950/1,792
Front spring capacity, lbs./kg	3,650/1,656	3,950/1,792	3,650/1,656	3,950/1,792
Rear axle[2], lbs./kg	3,950/1,792	3,950/1,792	3,950/1,792	3,950/1,792
Rear spring capacity, lbs./kg	3,950/1,792	3,950/1,792	3,950/1,792	3,950/1,792
Curb weight, lbs./kg	4,942/2,242	5,139/2,331	5,000/2,268	5,197/2,357
Cargo volume, cargo box, cu. ft./liters	53.4/1,512.3	53.4/1,512.3	61.0/1,727.5	61.0/1,727.5
Payload[3], lbs./kg	2,007/910	1,957/888	1947/883	1,883/854
Gross Vehicle Weight Rating/GVWR , lbs./kg	6,900/3,130	7,100/3,221	6,900/3,130	7,100/3,221
Front Gross Axle Weight Rating/GAWR ,lbs./kg	3,650/1,656	3,950/1,792	3,650/1,656	3,950/1,792
Rear Gross Axle Weight Rating/GAWR ,lbs./kg	3,950/1,792	3,950/1,792	3,950/1,792	3,950/1,792
Fuel capacity, approximate, gallon/liters	26/98	26/98	26/98	26/98
Seating capacity	6	6	6	6

1. Mass values are calculated assuming nominal equipment. Actual values may vary due to equipment loading.
2. Mass values are calculated assuming nominal equipment. Actual values may vary due to equipment loading.
3. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.

DIMENSIONS (in./mm)

	CC15543 2WD Short Box Crew Cab	CK15543 4WD Short Box Crew Cab	CC15743 2WD STD Box Crew Cab	CK15743 4WD STD Box Crew Cab
LOCATION				
Wheelbase	143.5/3,645	143.5/3,645	153.0/3,886	153.0/3,886
Overall length	230.0/5,843	230.0/5,843	239.6/6,085	239.6/6,085
Body width	80.0/2,032	80.0/2,032	80.0/2,032	80.0/2,032
Overall height	74.2/1,884	74.0/1,879	73.7/1,873	73.8/1,875
Head room, front	42.8/1,087	42.8/1,087	42.8/1,087	42.8/1,087
Head room, rear	40.5/1,029	40.5/1,029	40.5/1,029	40.5/1,029
Shoulder room, front	66.0/1,677	66.0/1,677	66.0/1,677	66.0/1,677
Shoulder room, rear	65.7/1,670	65.7/1,670	65.7/1,670	65.7/1,670
Hip room, front	60.7/1,543	60.7/1,543	60.7/1,543	60.7/1,543
Hip room, rear	60.3/1,531	60.3/1,531	60.3/1,531	60.3/1,531
Leg room, front	45.3/1,150	45.3/1,150	45.3/1,150	45.3/1,150
Leg room, rear	40.9/1,040	40.9/1,040	40.9/1,040	40.9/1,040
Cab to axle	32.0/812	32.0/812	41.5/1,053	41.5/1,053
Inside length, at floor	69.3/1,761	69.3/1,761	78.9/2,003	78.9/2,003
Inside height	21.1/536	21.1/536	21.1/536	21.1/536
Front bumper to back of cab	150.9/3,833	150.9/3,833	150.9/3,833	150.9/3,833
Inside width, between wheel housing, Fleetside	51.0/1,296	51.0/1,296	51.0/1,296	51.0/1,296
Ground clearance	8.7/222	8.9/226	8.5/216	8.93/227

NOTE: Published dimensions indicated are without optional equipment or accessories. Additional accessories or equipment ordered at the customer's request can result in a minor change in these dimensions.

GM offers Anti-Lock Brake Systems as standard or optional on all North American passenger vehicles and light truck lines. The computerized Anti-Lock Braking System (ABS) is designed to keep the vehicle's wheels rotating as the brakes are applied to assist the driver in achieving a controlled stop. Sensors monitor how fast the wheels rotate and feed the data continuously to the ABS computer. The vehicle's brakes slow each wheel as the brake pedal is applied. However, when ABS is activated due to road conditions, the system repeatedly releases and applies pressure to the brakes. The wheels can keep rolling, thus retaining steering ability and enhanced stability while providing a higher braking force on most surfaces than a locked wheel provides.

How exactly does ABS work?

In cars without ABS, hitting the brakes can cause the wheels to lock, leaving you unable to steer the vehicle until you decrease the pressure so the wheels can roll again. With an ABS, as you apply the brakes, the ABS computer monitors the wheel speed sensor information. If the computer senses that a wheel is approaching lock up, it sends a signal to the hydraulic modulator to reduce, then to reapply, brake pressure several times a second for as long as you maintain firm pressure on the brake pedal. The process is much like the threshold braking technique used with conventional brakes. However, ABS does it much faster and more accurately than any driver can, leaving you free to focus on steering away from obstacles.

Does ABS reduce stopping distances?

Yes, in braking situations where the wheels on a non-ABS equipped vehicle would lock up, ABS will generally provide shorter controlled stopping distance. The amount of improvement in stopping distance depends on many factors, including the road surface, severity of braking, initial vehicle speed, etc. On some surfaces, such as gravel roads, braking distances can be longer, but you will still have the control benefits of ABS. The important capability of ABS is control. ABS provides improved vehicle steerability and stability when braking.

What can affect the ABS advantage?

It is important that you follow the maintenance schedule recommended in the owner's manual of the vehicle, tires should be at their proper inflation level, the brake pads should be checked regularly, etc. While driving, you should sit comfortably, so that your hips are back in the seat and your knees are bent, even while braking. Your foot should be positioned so that your heel is on the floor and your toes are secure on the lower half of the pedal. And, though ABS may reduce stopping distance, remember: The faster you go, the longer it takes you to stop. Keeping a safe distance between you and the vehicle in front of you is always necessary, even with ABS.

What happens if ABS becomes inactive?

The ABS electronic control unit has on-board diagnostic capability. If a fault is detected, the vehicle will revert to the base brake system, and the ABS telltale on the dash will be illuminated. Should this happen, the vehicle should be taken to a dealership for repair as soon as possible.

How do I use ABS?

Depress and hold the pedal. DO NOT PUMP THE BRAKES (that prevents the system from working). Just hold the brake pedal down and let the ABS work for you. You may feel the brake pedal vibrate, or you may notice some noise, but this is normal as the system works for you.

Should I drive an ABS equipped vehicle differently than I would drive a vehicle with conventional brakes?

Most of the time, under normal driving circumstances, there is no difference, and you should always drive with the same caution and care. It is important to realize that ABS only makes a difference when it is activated—when you have to brake hard—and that would only be when the computer senses that a wheel is approaching lockup. When ABS activates, keep steady pressure on the brake pedal and then let the ABS work for you. Don't pump the brakes or try to find the threshold. Simply hold the brake pedal down and steer if necessary to avoid an obstacle.

Is ABS always active?

ABS is always available, but not always activated. ABS is activated only when the brake pedal is applied and the computer detects an impending wheel lock condition.

Can older cars be retrofitted with ABS?

No! The brake system is one of the most important features on any passenger vehicle.

Several products, which tap into the master cylinder and/or brake system performance, are being sold in the aftermarket. Some of these products imply performance similar to new vehicle anti-lock brake systems.

However, contrary to their claims, add-on systems, which deplete fluid from the master cylinder on brake apply may actually increase a vehicle's stopping distance. This may cause the vehicle to fail to comply with Federal brake standards.

Does ABS always activate at the same speed?

No, the system operates when the computer detects wheel lockup, at any speed above 8 mph.

Will ABS wear out a vehicle's brakes sooner?

A properly maintained brake system will be unaffected by ABS operation under typical driving conditions.

Are there different types of ABS?

Yes, there are rear wheel anti-lock systems (RWAL) used on some trucks and four-wheel ABS available on cars and trucks.

Do Federal Safety Standards mandate ABS?

No. Federal standards establish minimum braking performance requirements that all vehicles must meet, but do not specify how they should be met. It should be noted that even a vehicle with failed ABS meets the Federal safety standard for stopping distances.

Will a tire size change affect ABS?

Use of tires other than original equipment may affect ABS performance. Owners should consult and follow the recommendations contained in the vehicle owner's manual regarding replacement tire size. ***NOTE: ABS will work with original equipment spare tire or tire chains. However, performance is reduced.***

Do insurance companies give a discount for ABS?

Yes, many insurance companies give discounts that range from 5% to 10%. In the states of New York and Florida all insurance companies are required to give an ABS discount of 5% on certain coverages such as bodily injury, property damage, collision, and personal injury protection. In other states the discount varies from insurance company to insurance company. When buying auto insurance, always ask your insurance agent if his/her company gives a discount for vehicles equipped with anti-lock brakes.

IMPORTANT DRIVING SAFETY TIPS

A. **Always maintain a safe following distance.** ABS does not allow you to stop on a dime. (Generally a 2-second following distance is considered safe in ideal conditions.) Watch the vehicle in front of you pass a fixed marker (such as a sign). Count seconds—one-thousand-one, one-thousand-two-until your front bumper reaches the marker. If you do not count out two seconds, then you are too close to the vehicle in front of you. Also, if the roads are wet or icy, or visibility is poor, you should increase your following distance.

B. **Always drive carefully—** especially on slippery surfaces. ABS cannot create friction between the tires and the road surface, it can only give the driver the maximum advantage of the existing adhesion. If the vehicle is traveling on a surface with no adhesion, the best ABS in the world cannot provide a shorter stopping distance or good steering.

C. **It is a good idea to practice an ABS activated stop** and get the feel of the brake pedal. However, please make sure it's at a safe time with no obstacles in your path. And you only really need to try it once or twice to know what happens.

ELECTRONIC STABILITY CONTROL SYSTEMS (STABILITRAK)

StabiliTrak systems help drivers maintain control of their vehicles, especially during emergency lane changes or avoidance maneuvers. StabiliTrak uses various sensors, such as steering wheel angle, wheel speed, yaw velocity, etc., to detect any difference between the path requested by the steering wheel position and vehicle's actual path. When appropriate, the system selectively controls brakes, engine power, and even suspension settings to enhance control of the vehicle's direction and help keep it on course. Independent studies conducted by the National Highway Traffic Safety Administration, the Insurance Institute for Highway Safety, and others have found StabiliTrak to be highly effective in reducing vehicle crashes. General Motors offers StabiliTrak systems on many of its passenger car and light truck models.
See your owner's manual for additional information about the operation of StabiliTrak.

Q. How do I use StabiliTrak?
A. StabiliTrak operates independently of the driver. You should continue to drive your StabiliTrak equipped vehicle with caution and care. GM's StabiliTrak system, StabiliTrak, is designed to be as seamless as possible in operation, to be part of the overall vehicle response and to make a good vehicle better

Q. How does StabiliTrak work?
A. StabiliTrak has the ability to apply control forces to the vehicle independent of the driver. StabiliTrak uses sensors to continuously compare the path indicated by the steering wheel position to the vehicle's actual path. If a discrepancy is detected, StabiliTrak selectively controls vehicle brakes and engine torque to create a yaw moment that helps restore the vehicle's actual path to the path indicated by the steering wheel position. StabiliTrak has the ability to help correct both understeer (where the vehicle is not turning as much as the steering wheel position indicates) and oversteer (where the vehicle is turning more than the steering wheel position indicates). The illustration at right shows how selective braking at a particular wheel can create a compensating yaw moment to help restore the vehicle's actual path to the path indicated by the steering wheel position.

Q. Will a tire change affect StabiliTrak?
A. Use of tires other than original equipment may affect StabiliTrak performance. StabiliTrak is designed to make the best use of available traction. The performance characteristics of the original equipment tires are part of the overall system effectiveness. When you replace tires check the recommendations in your owner's manual. On GM vehicles, the original equipment tires have a "TPC" (Tire Performance Criteria) code on the sidewall. Replacing the tires with the same "TPC" code will help assure proper StabiliTrak performance.

For Information 1-800-FLEET-OP (353-3867)
www.gmfleet.com

GM Fleet and Commercial Specialty Vehicles • 100 Renaissance Center, 20th Floor • Detroit, MI 48265-1000